

FIG. 1

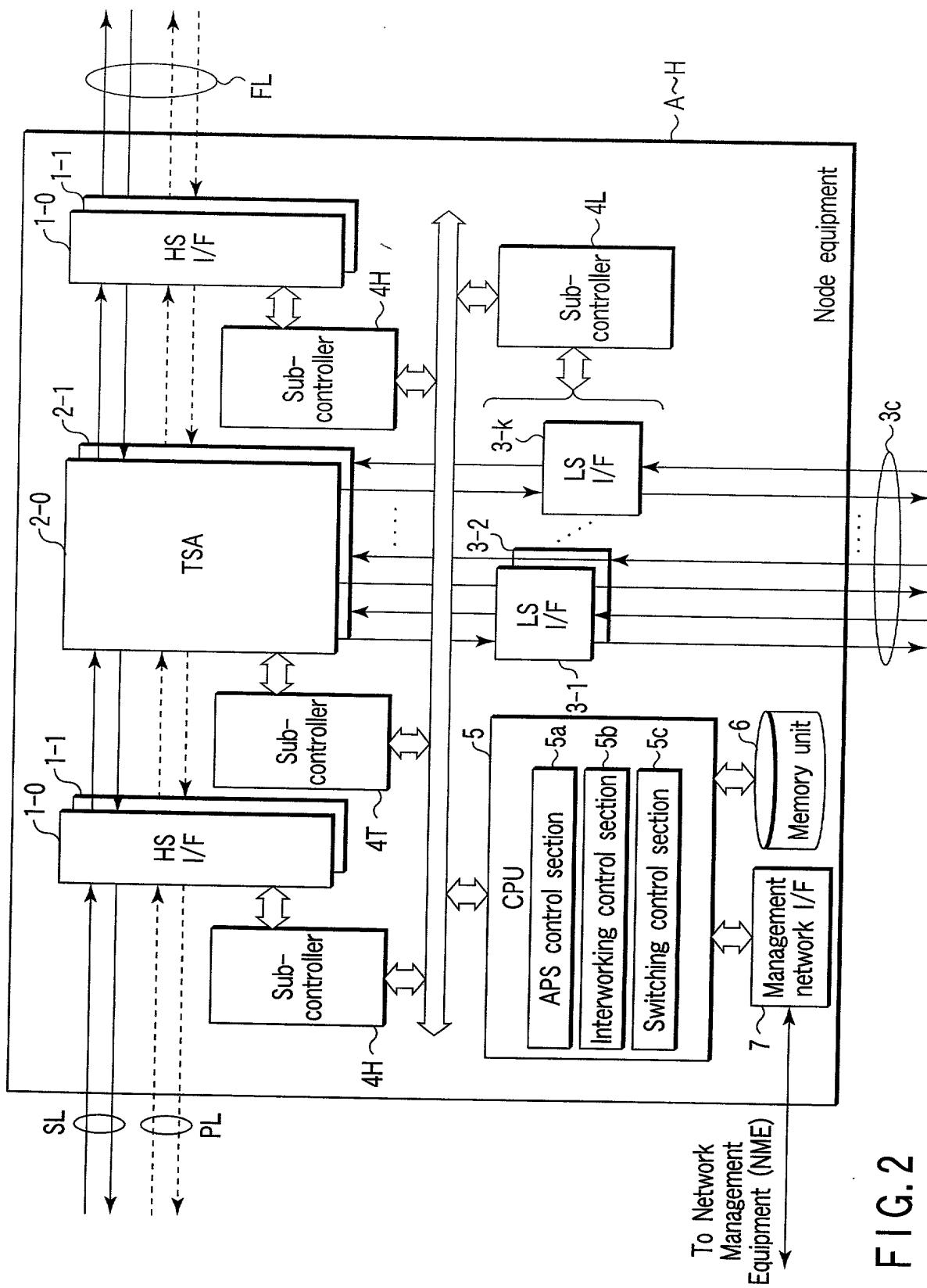


FIG. 2

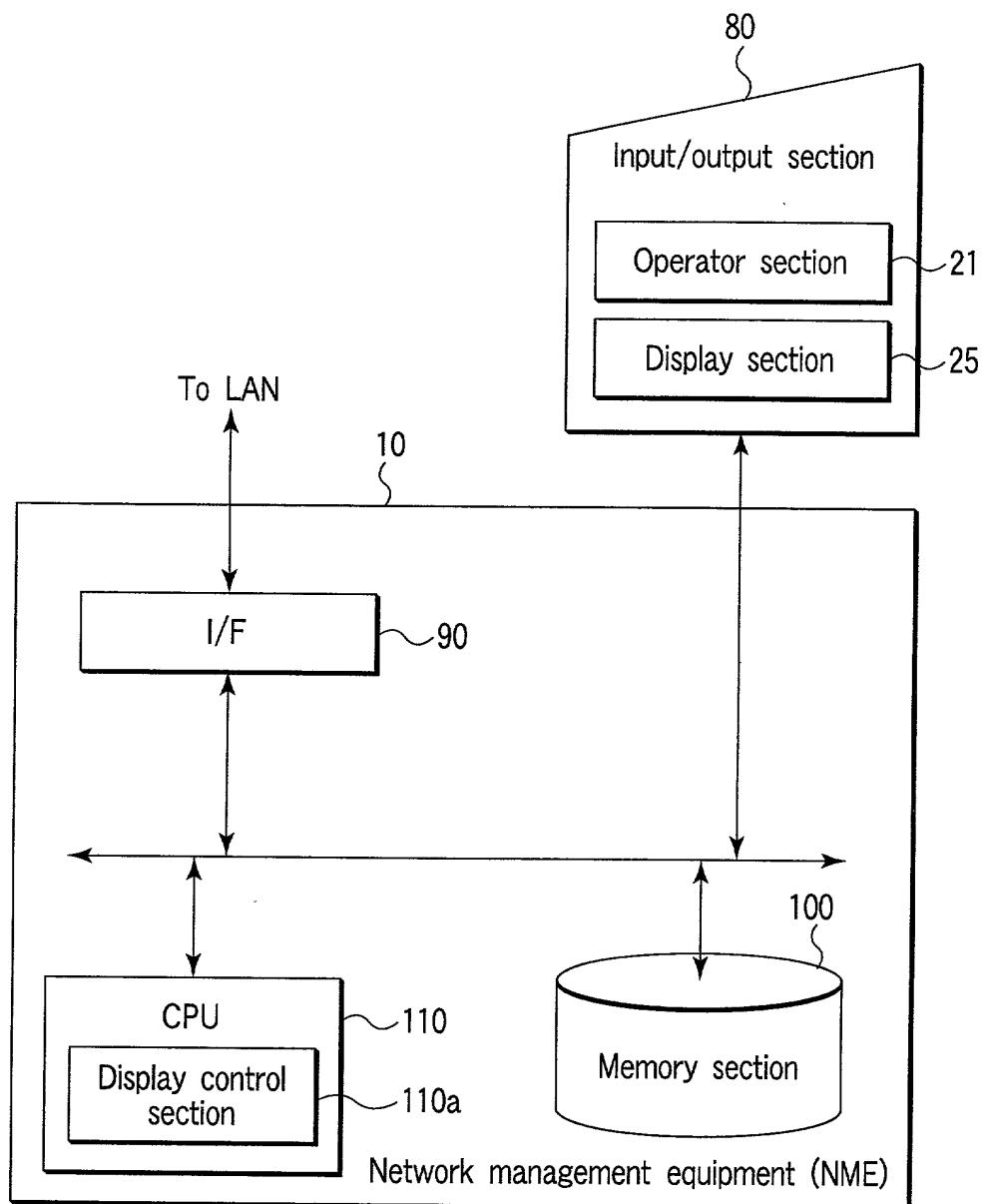


FIG. 3

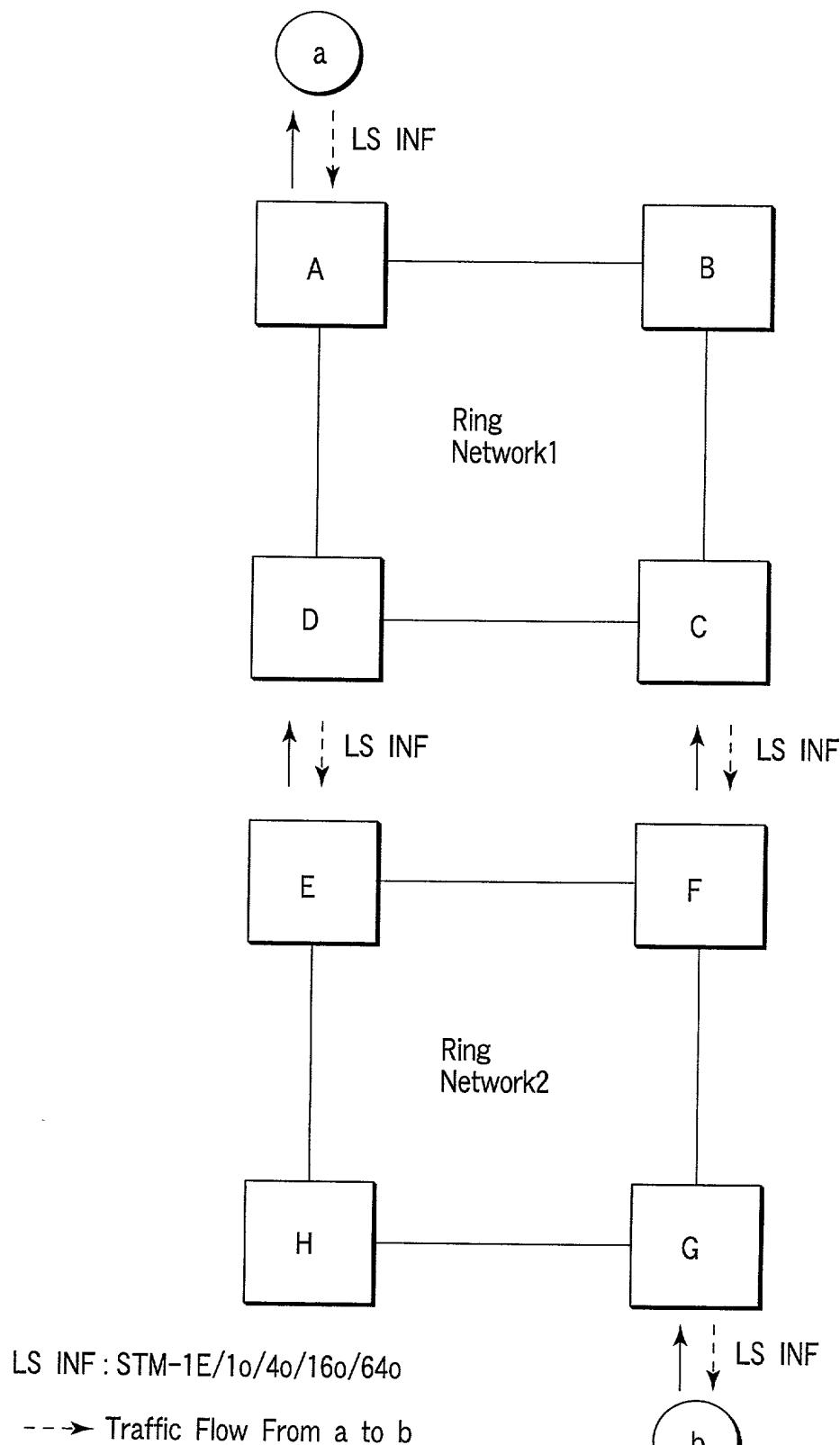


FIG. 4

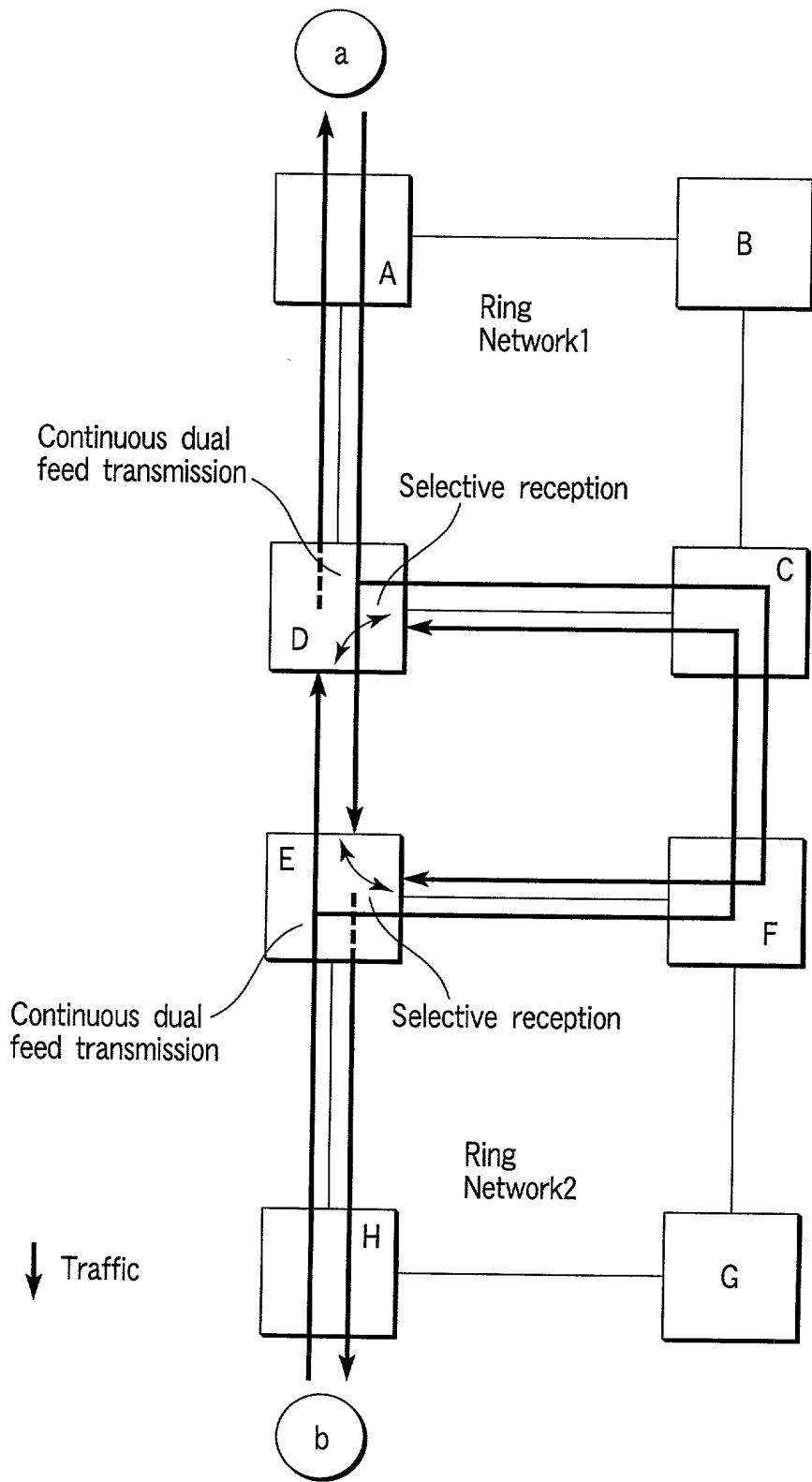


FIG. 5

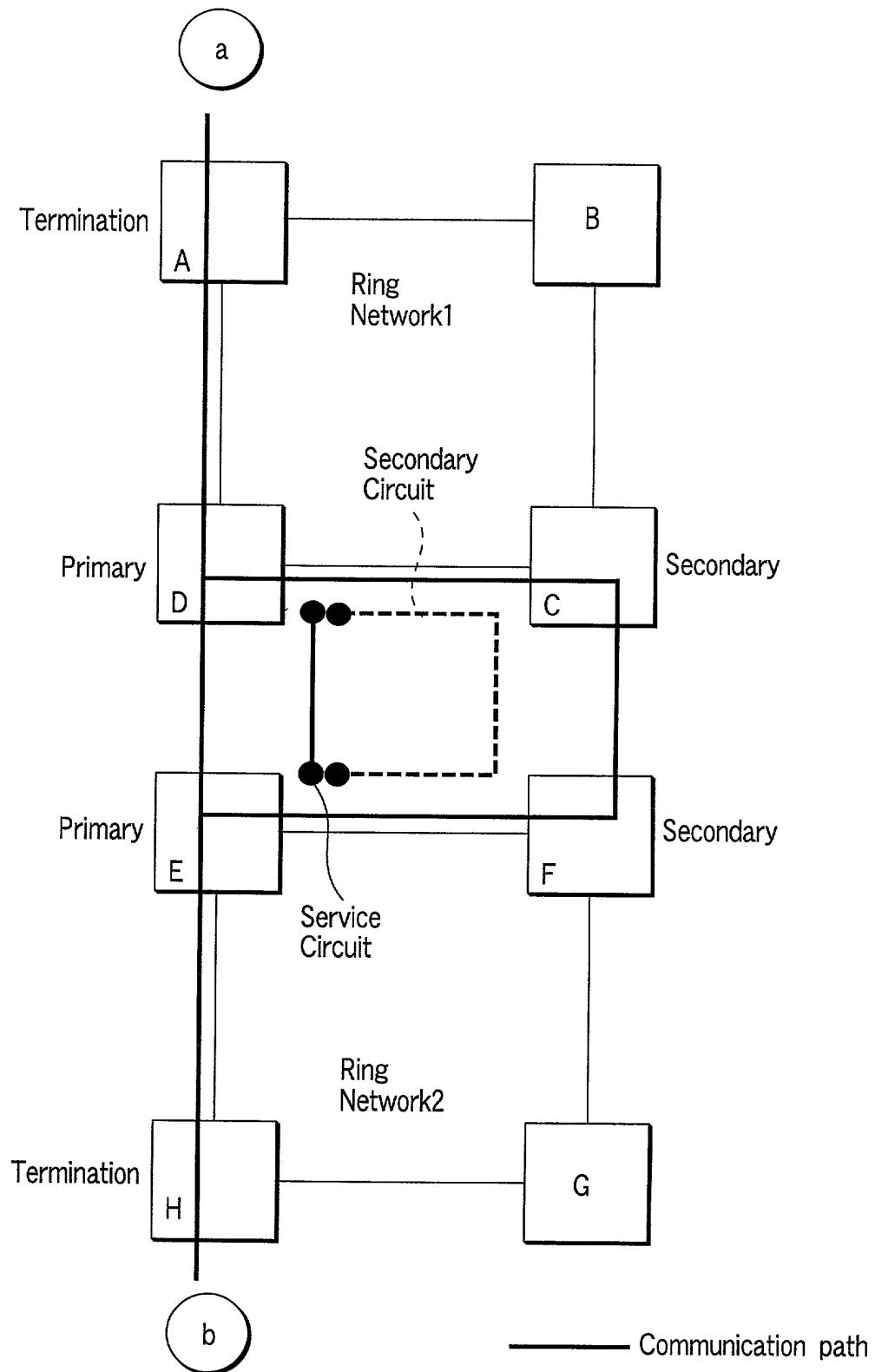


FIG. 6

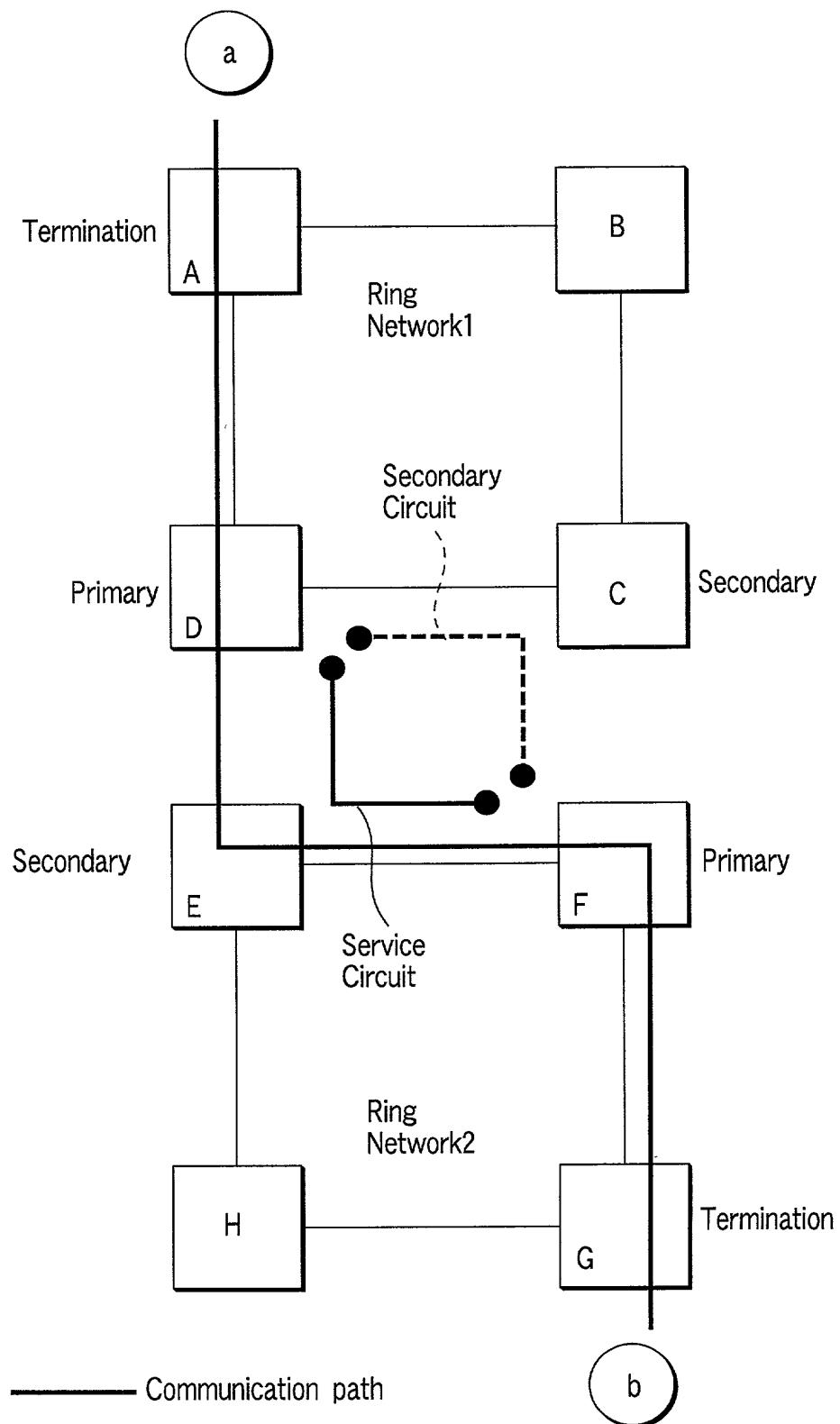


FIG. 7

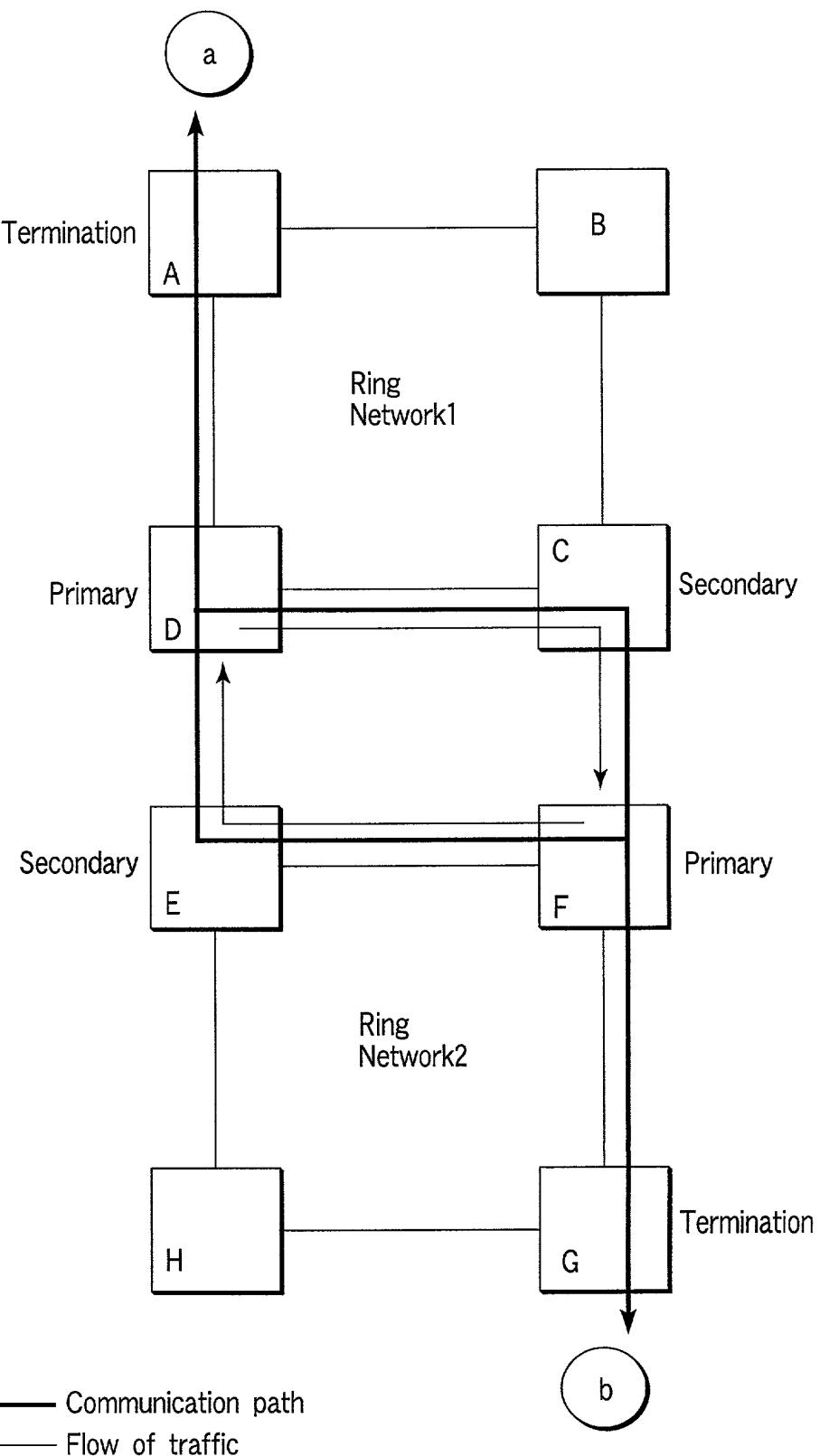


FIG. 8

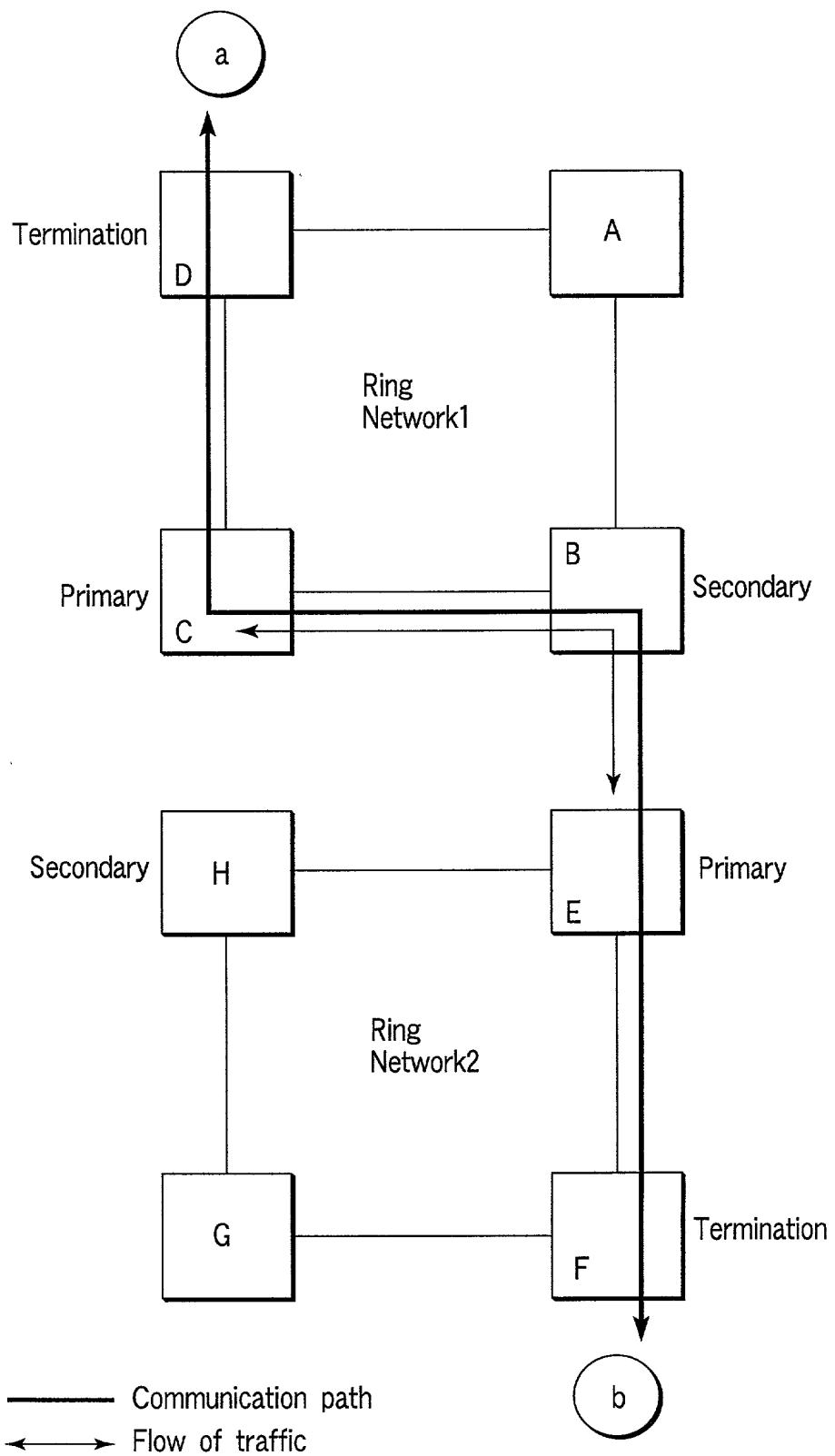


FIG. 9

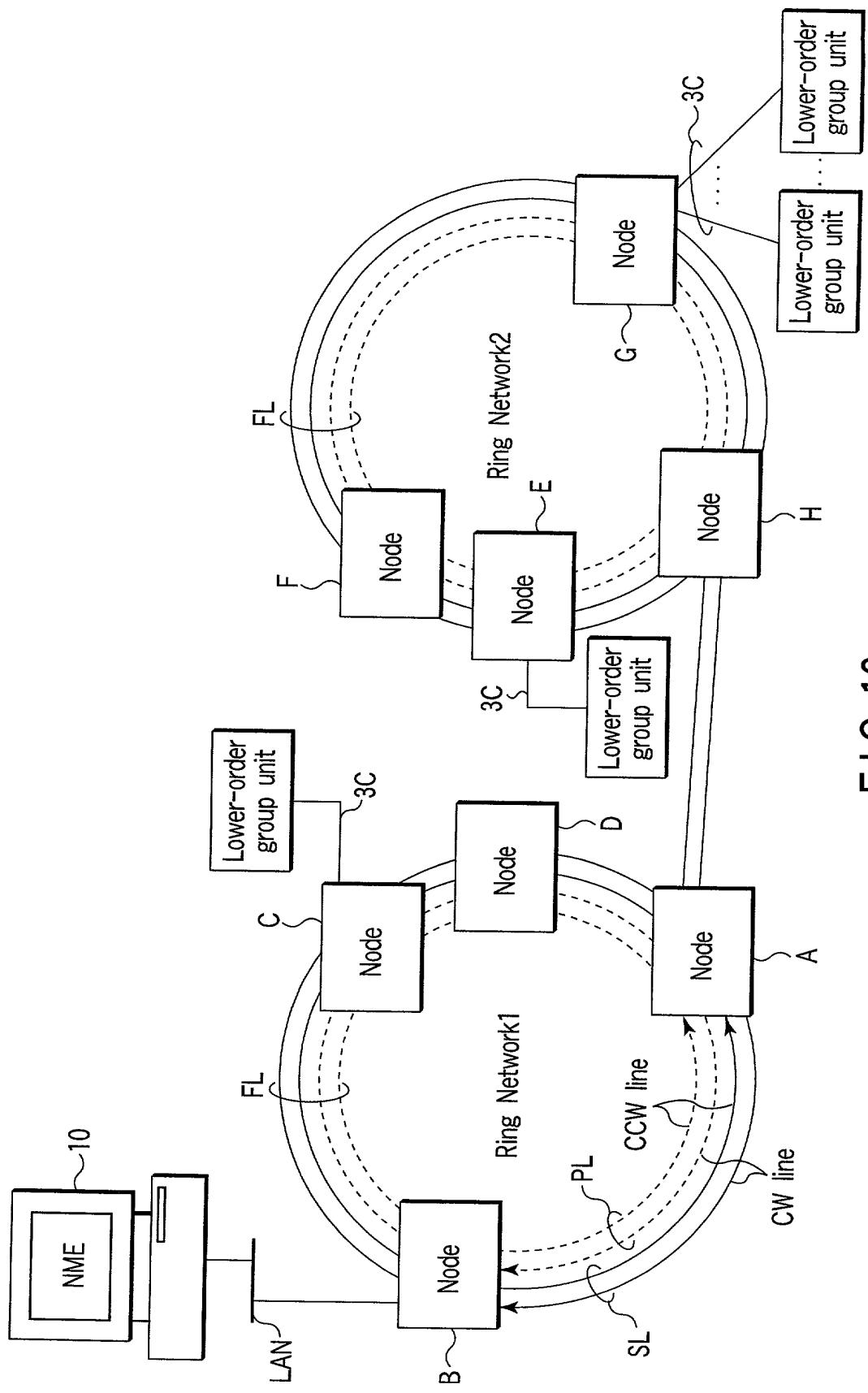


FIG. 10

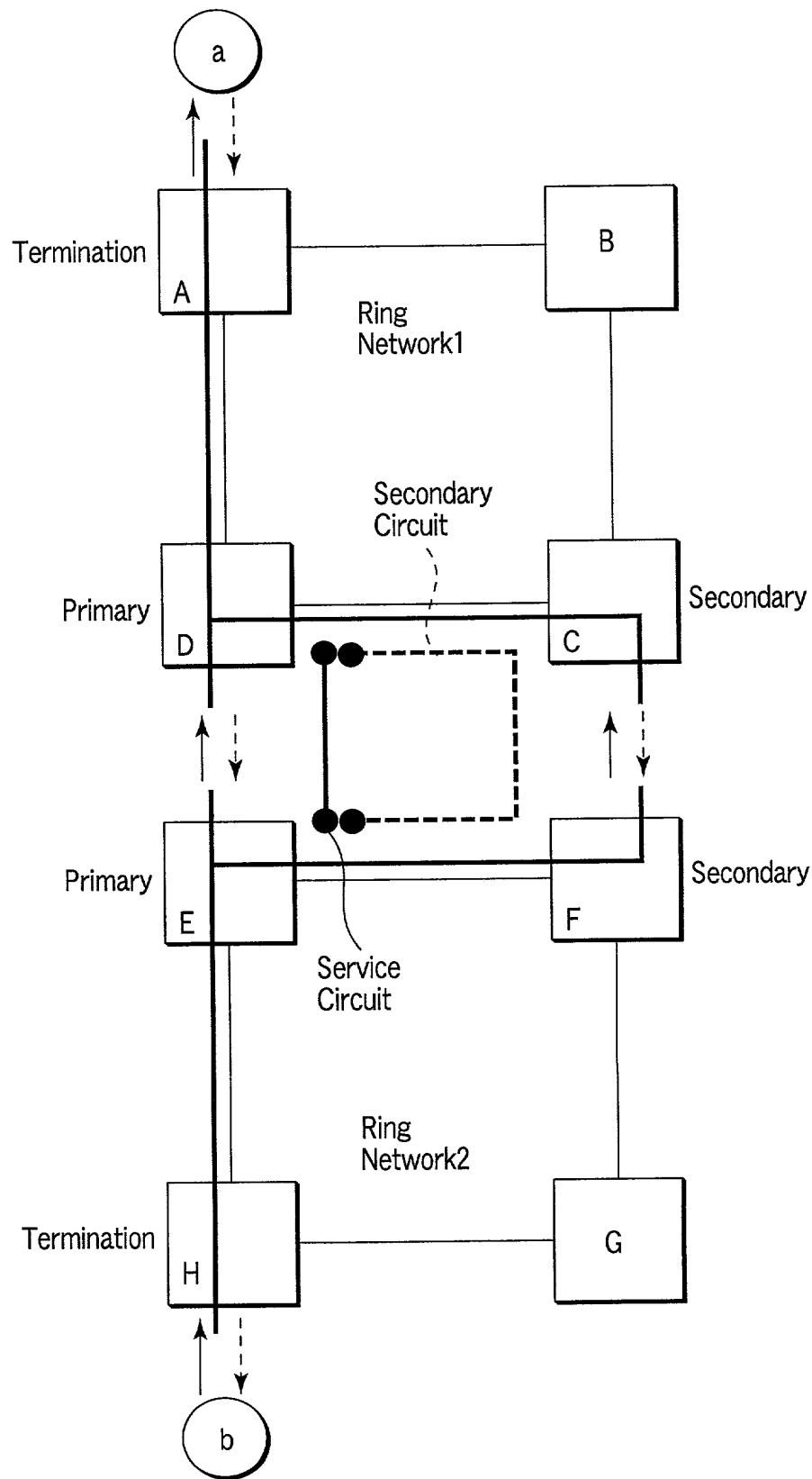


FIG.11

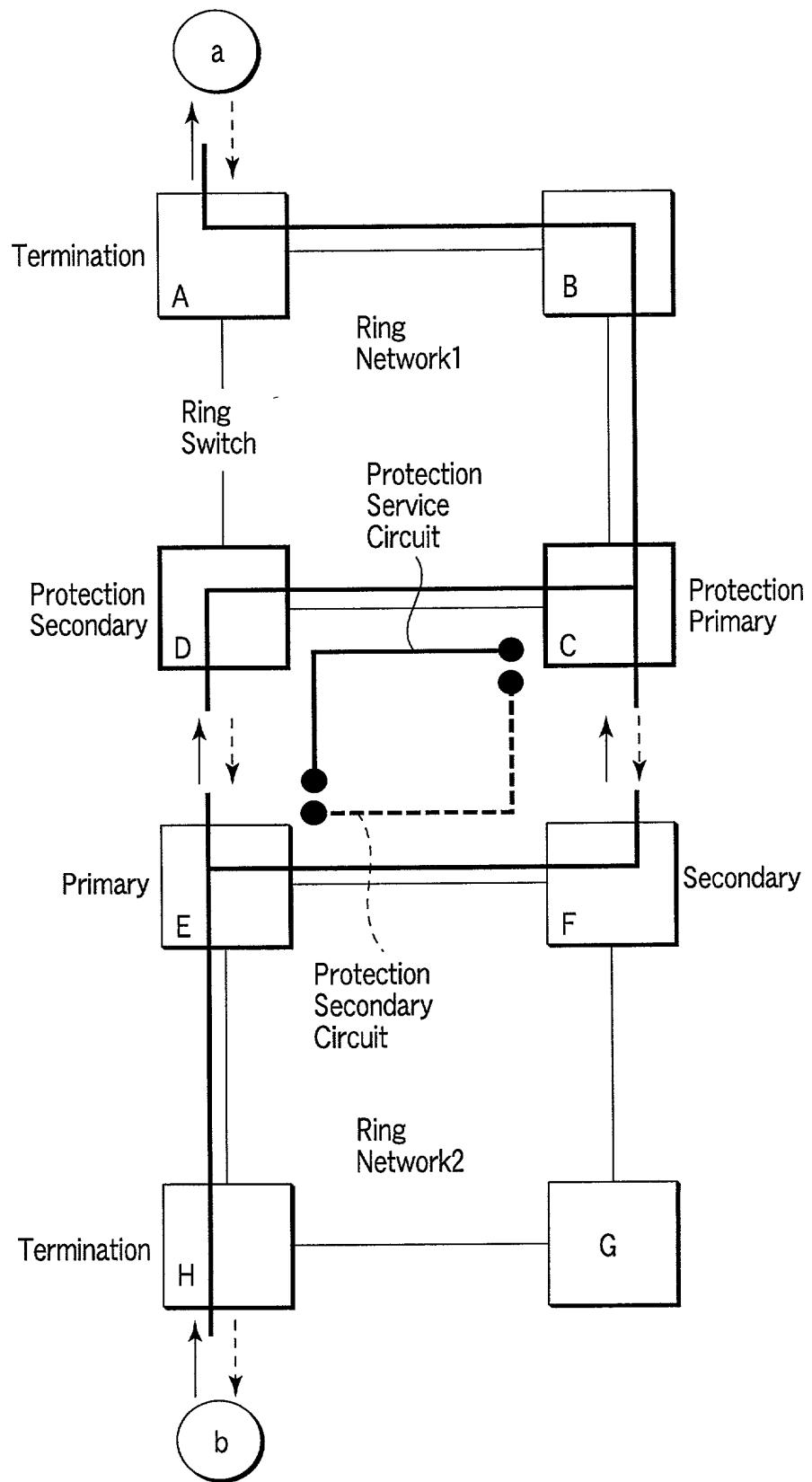


FIG. 12

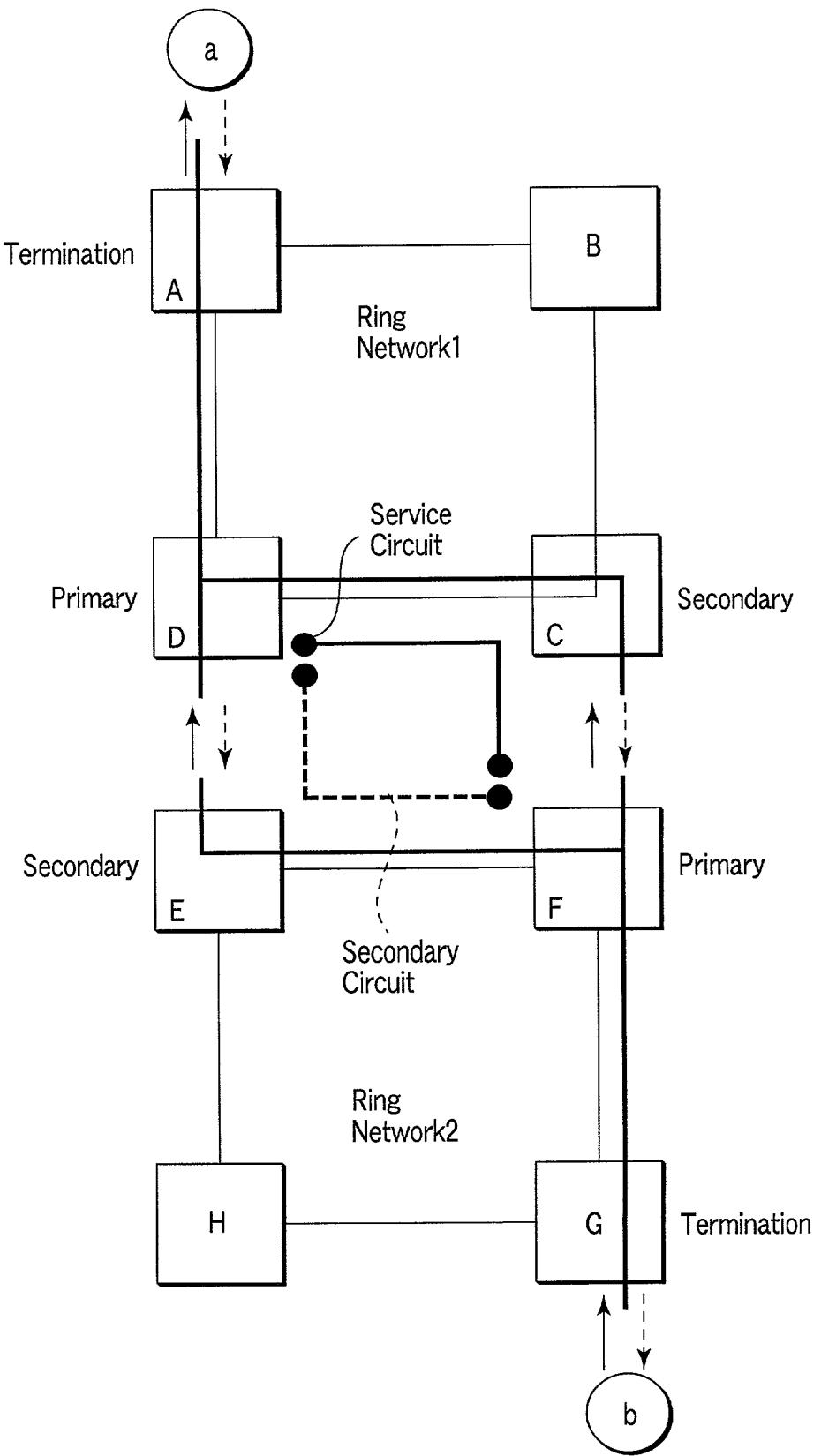


FIG. 13

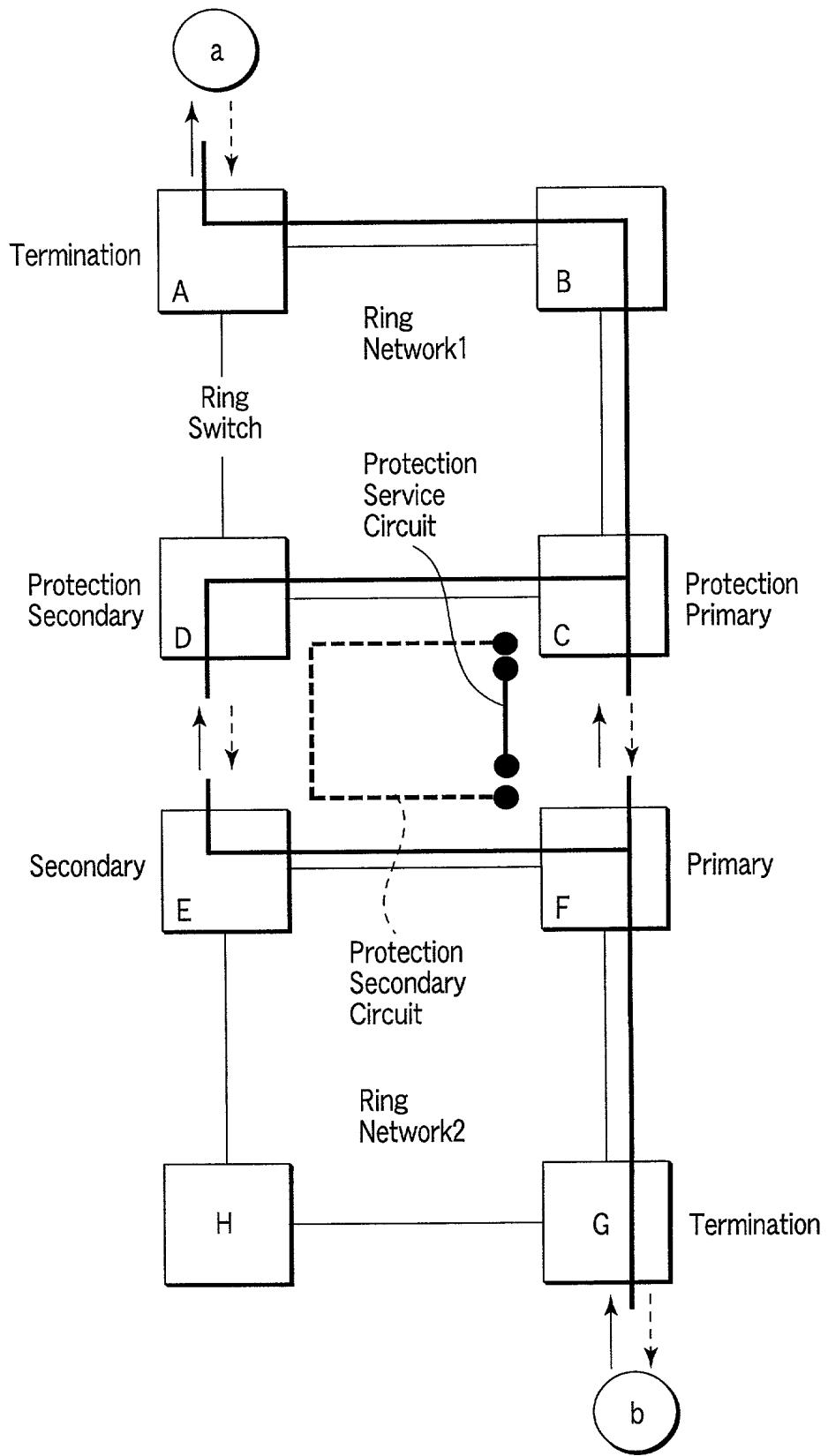


FIG. 14

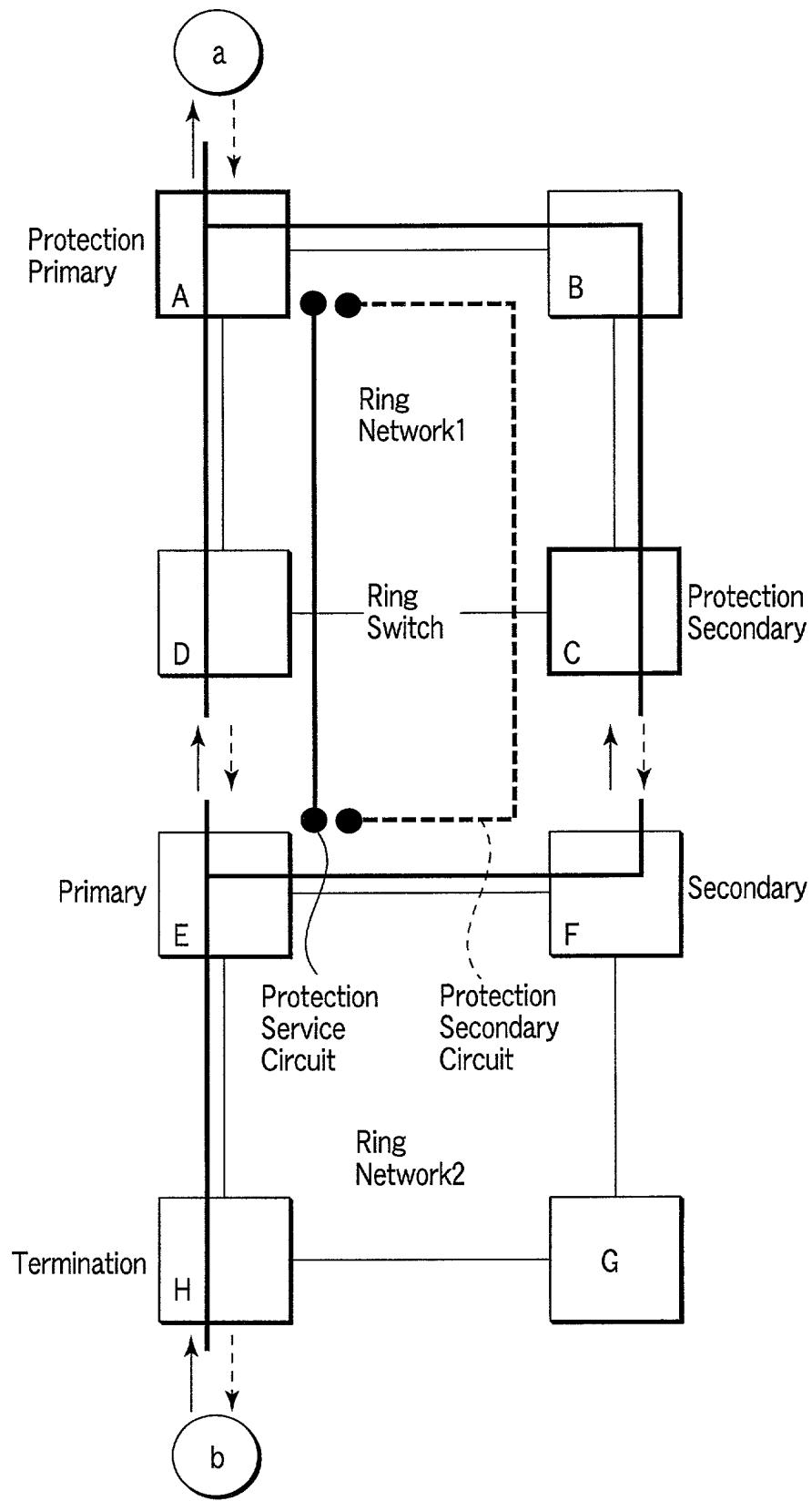


FIG. 15

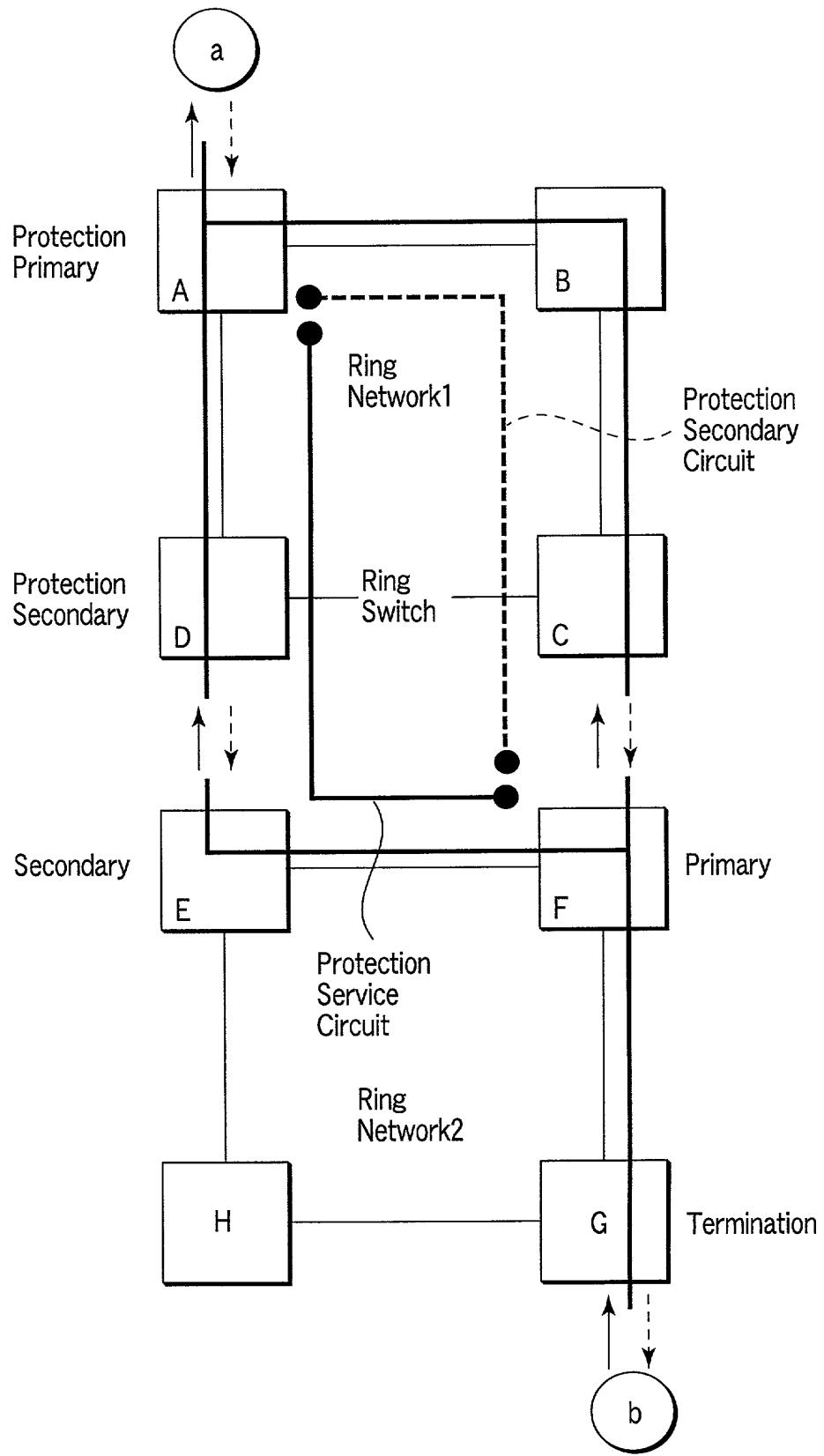


FIG. 16

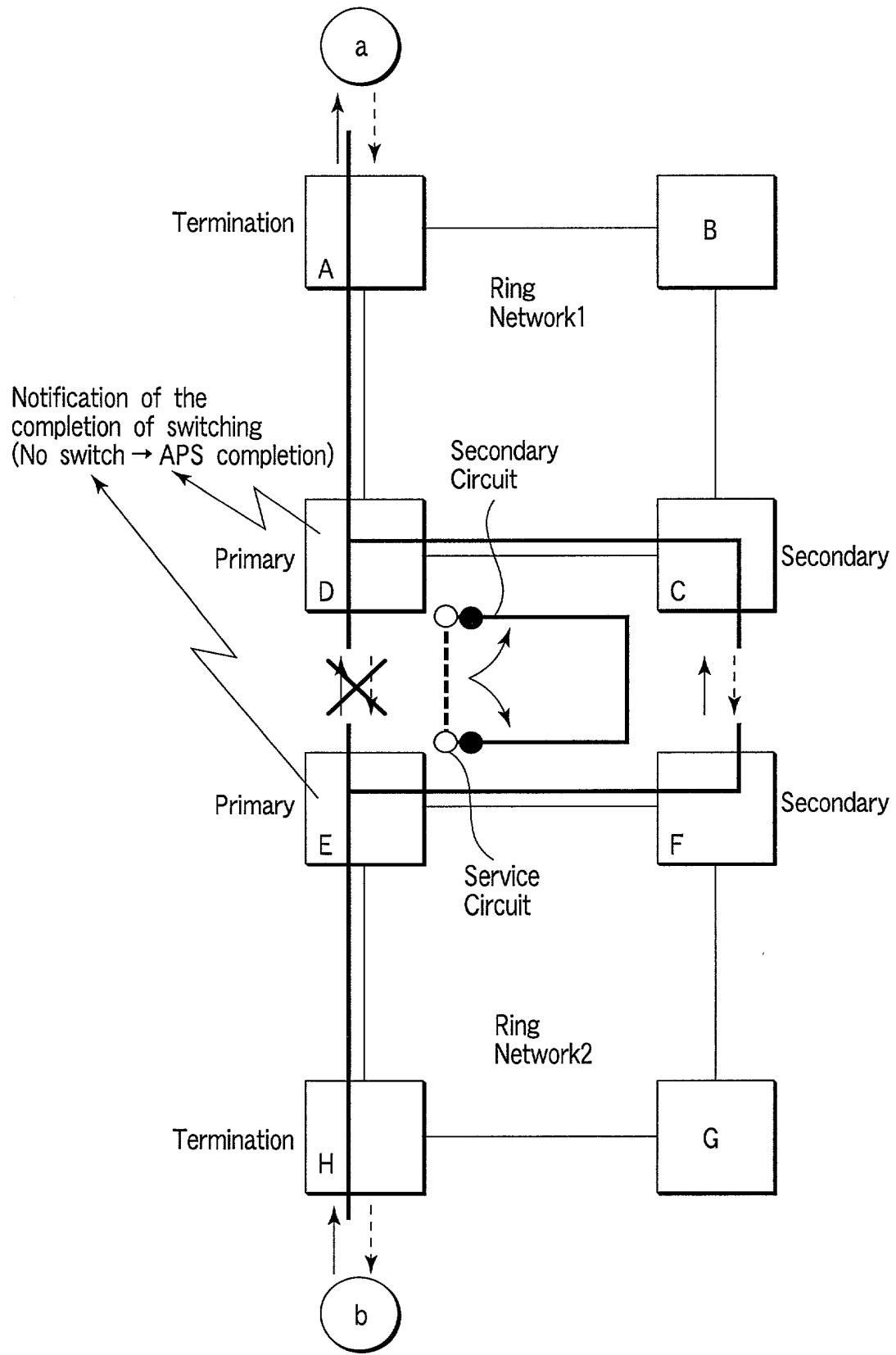


FIG. 17

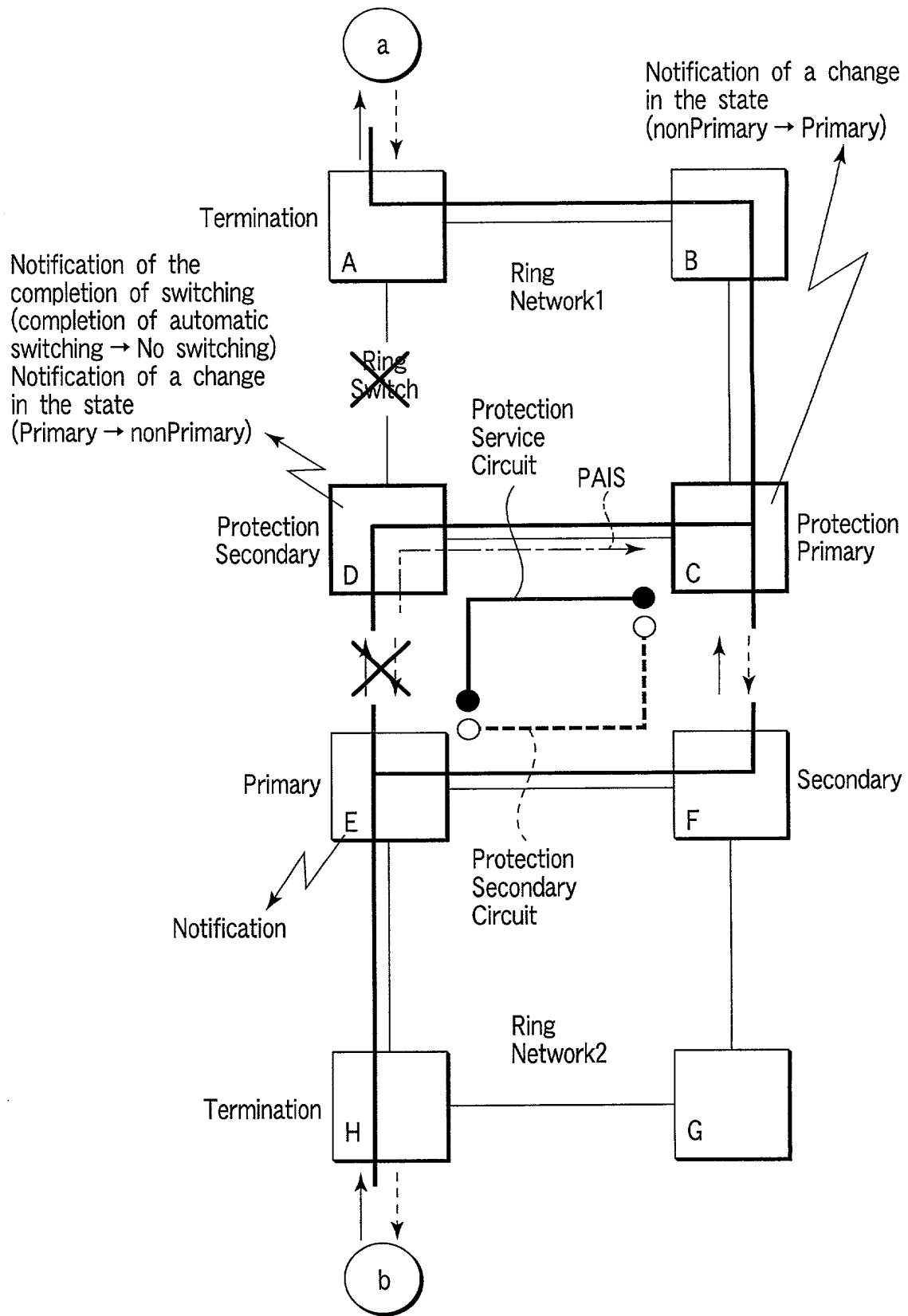


FIG. 18

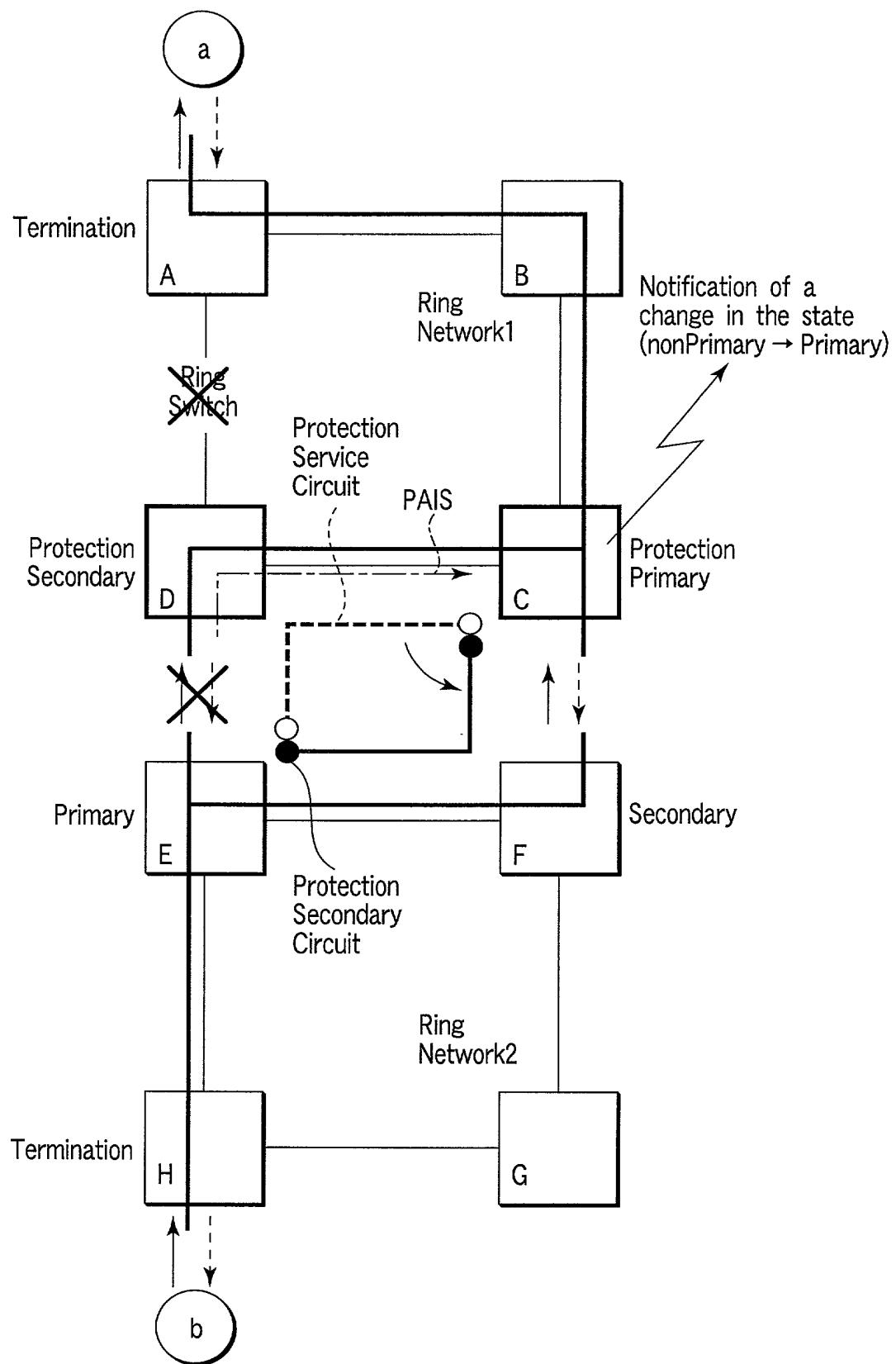


FIG. 19

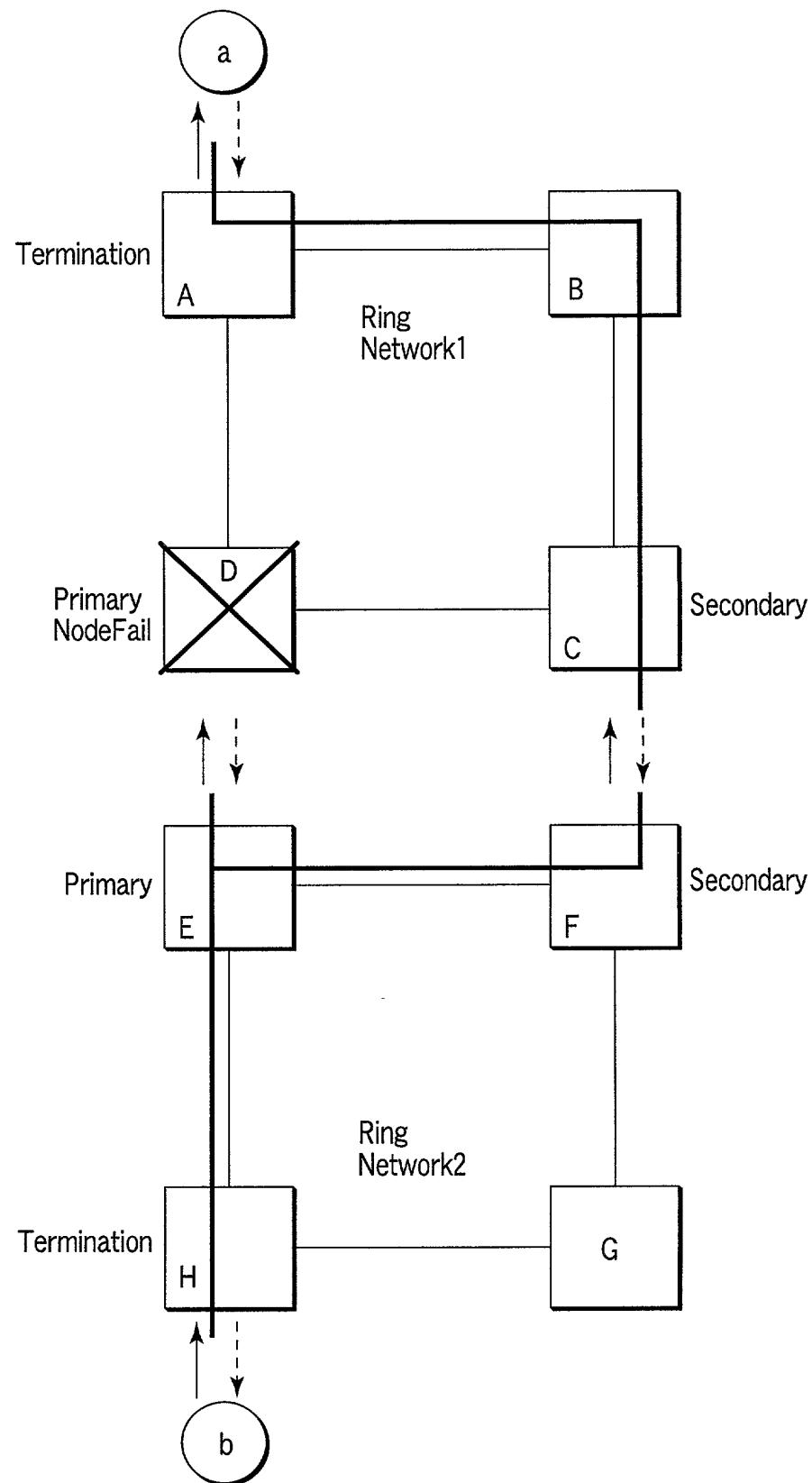


FIG. 20

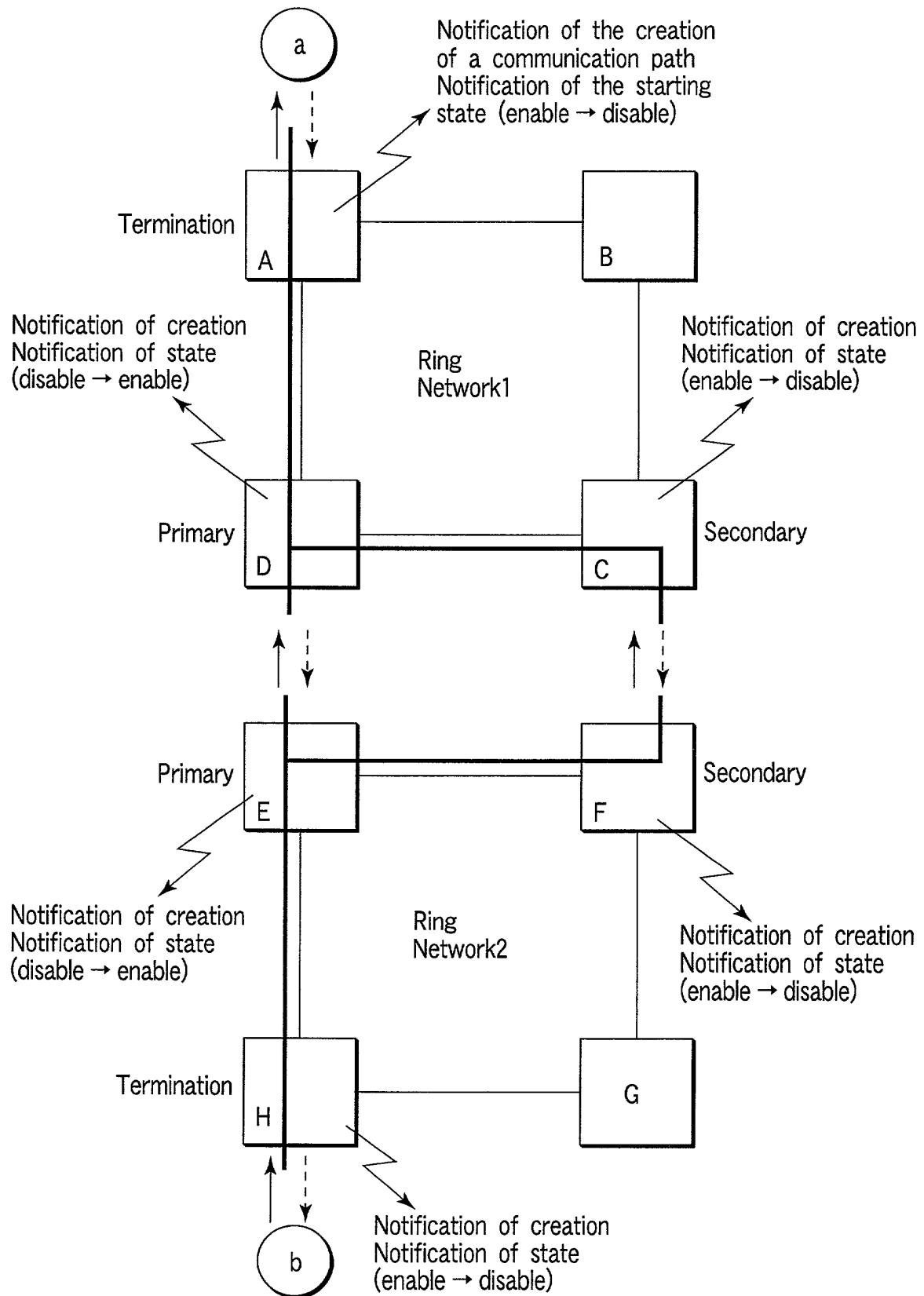


FIG. 21

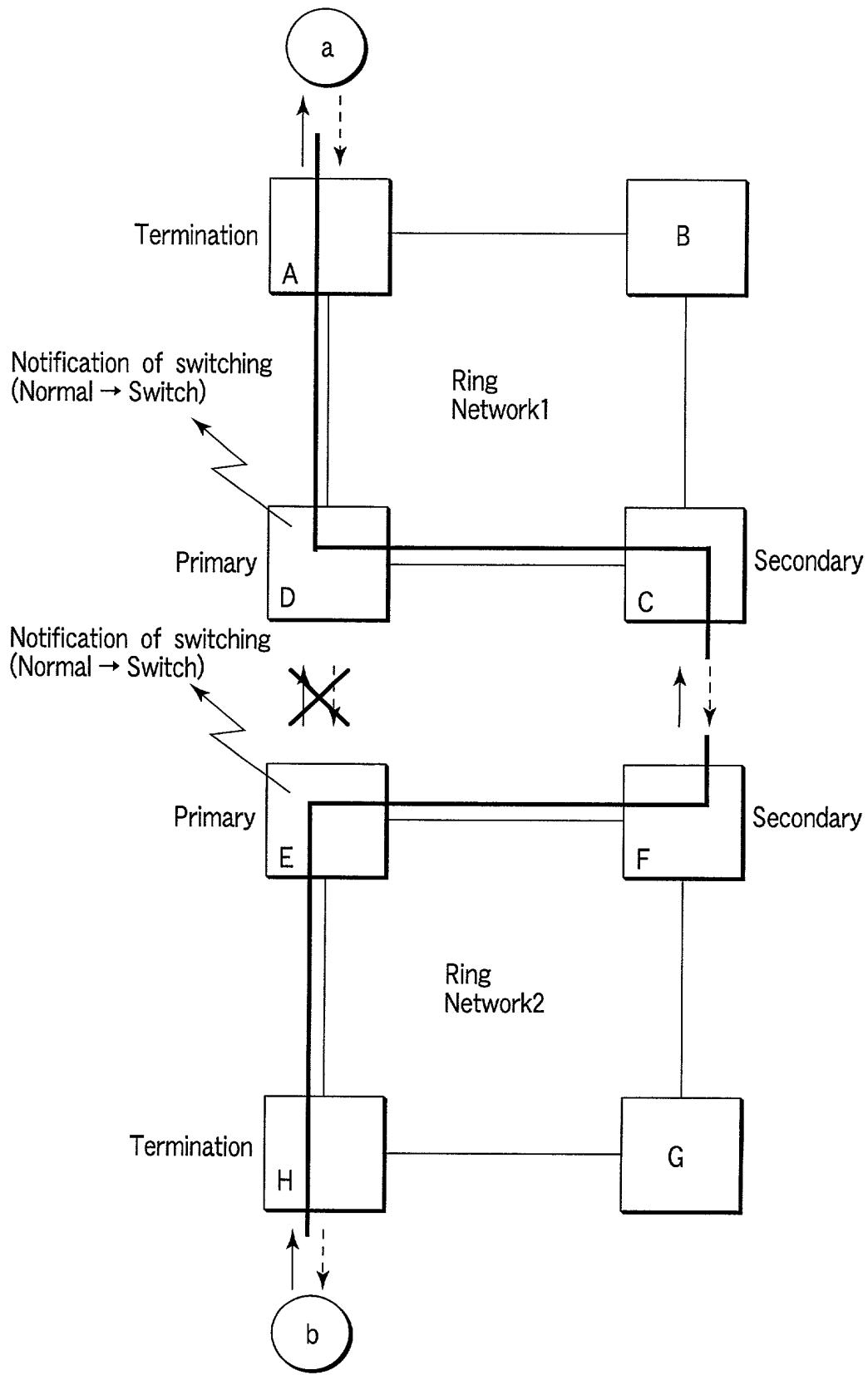


FIG. 22

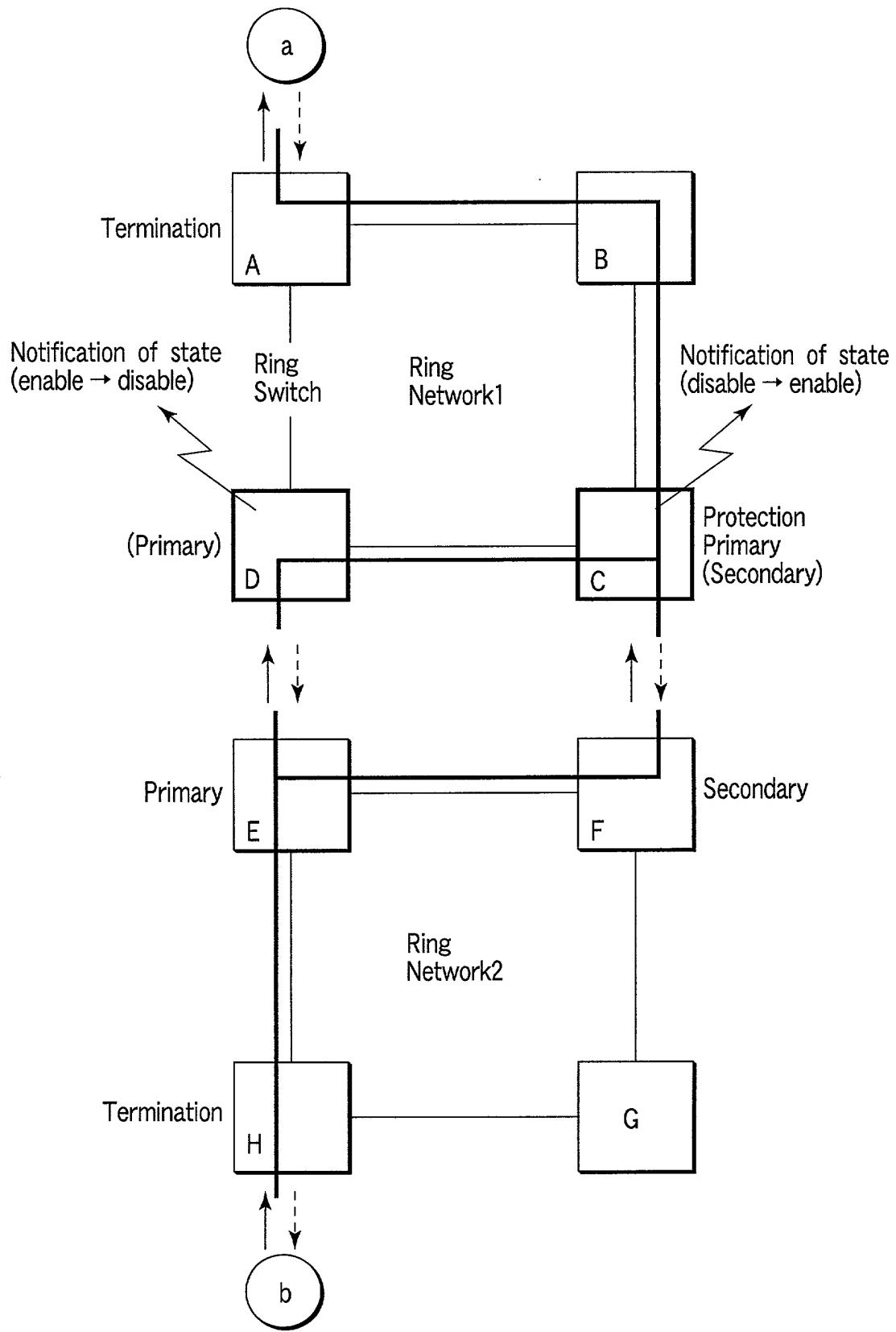


FIG. 23

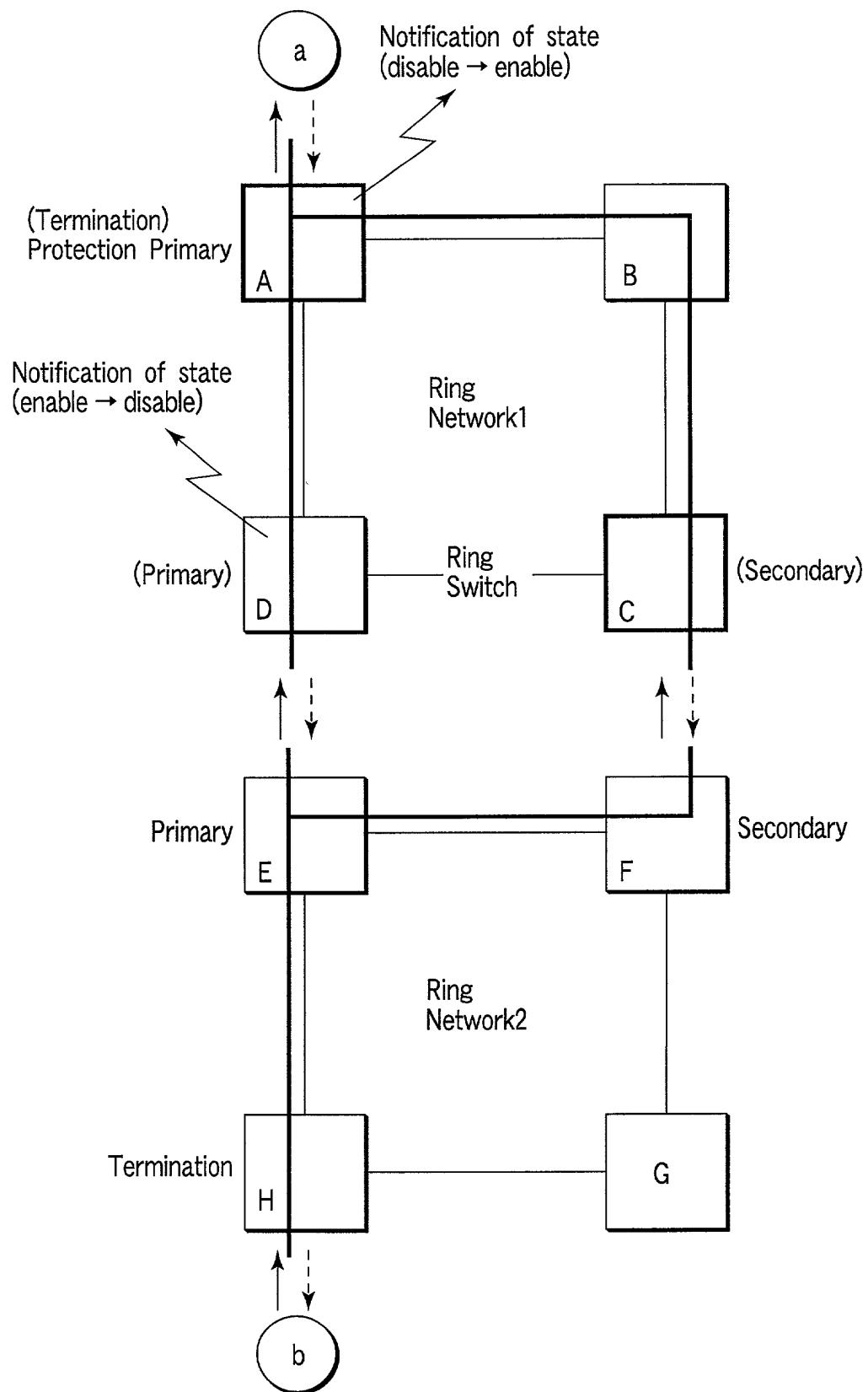


FIG. 24

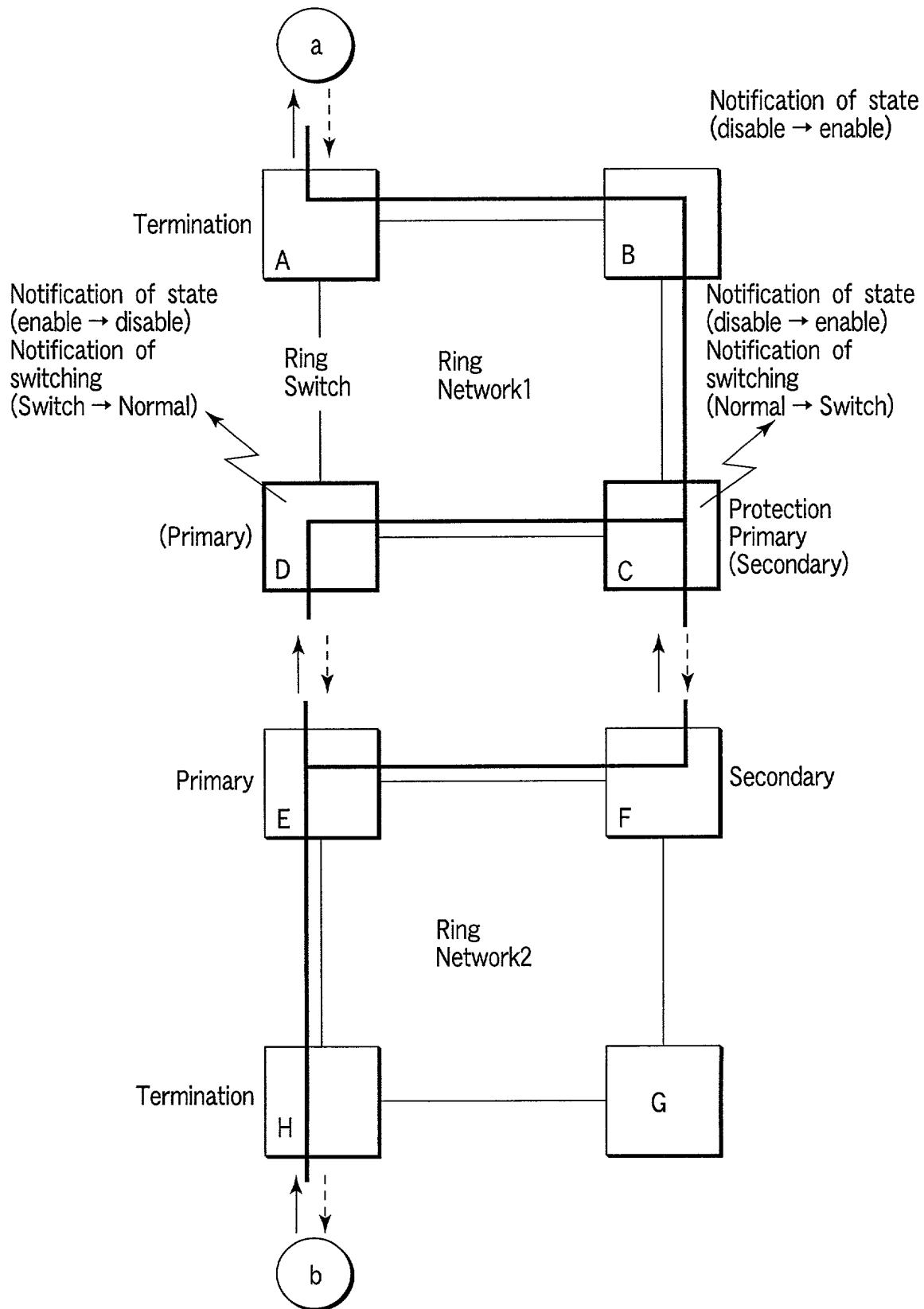


FIG. 25

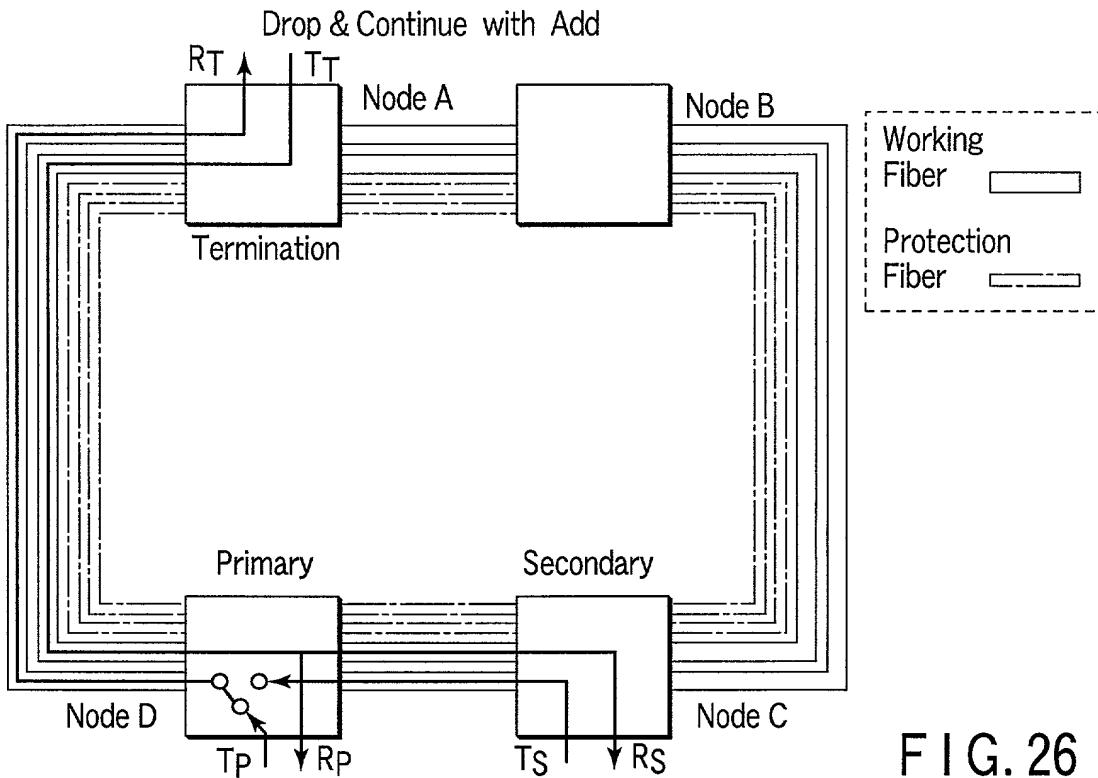


FIG. 26

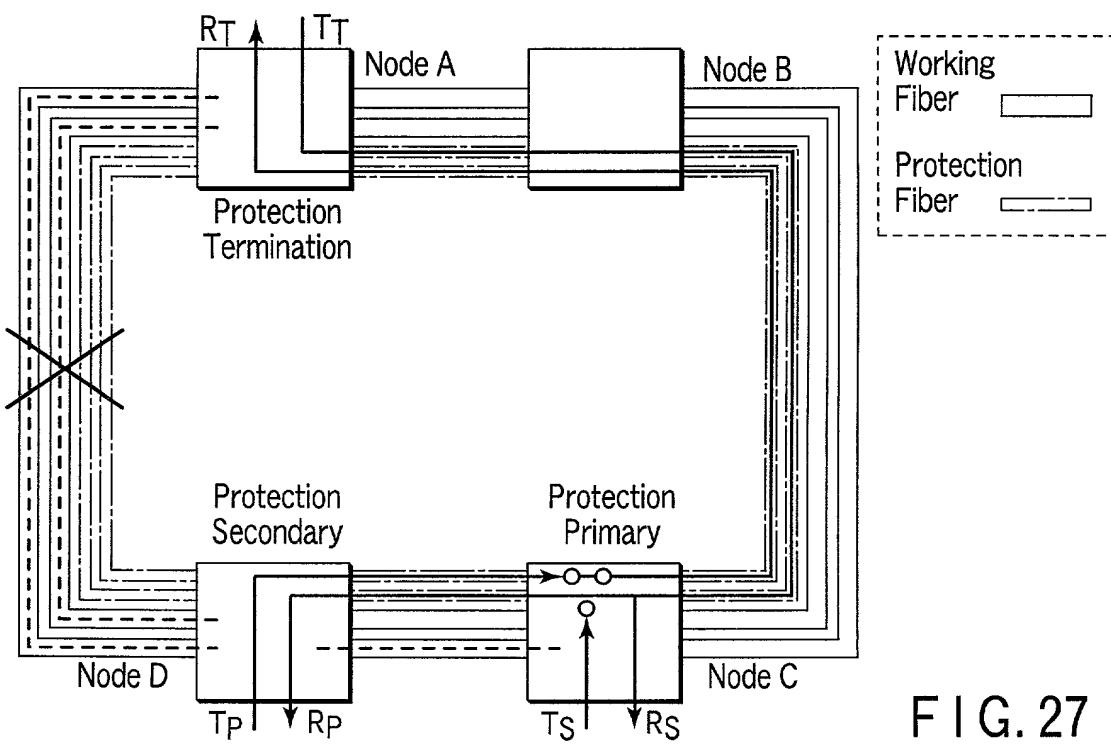


FIG. 27

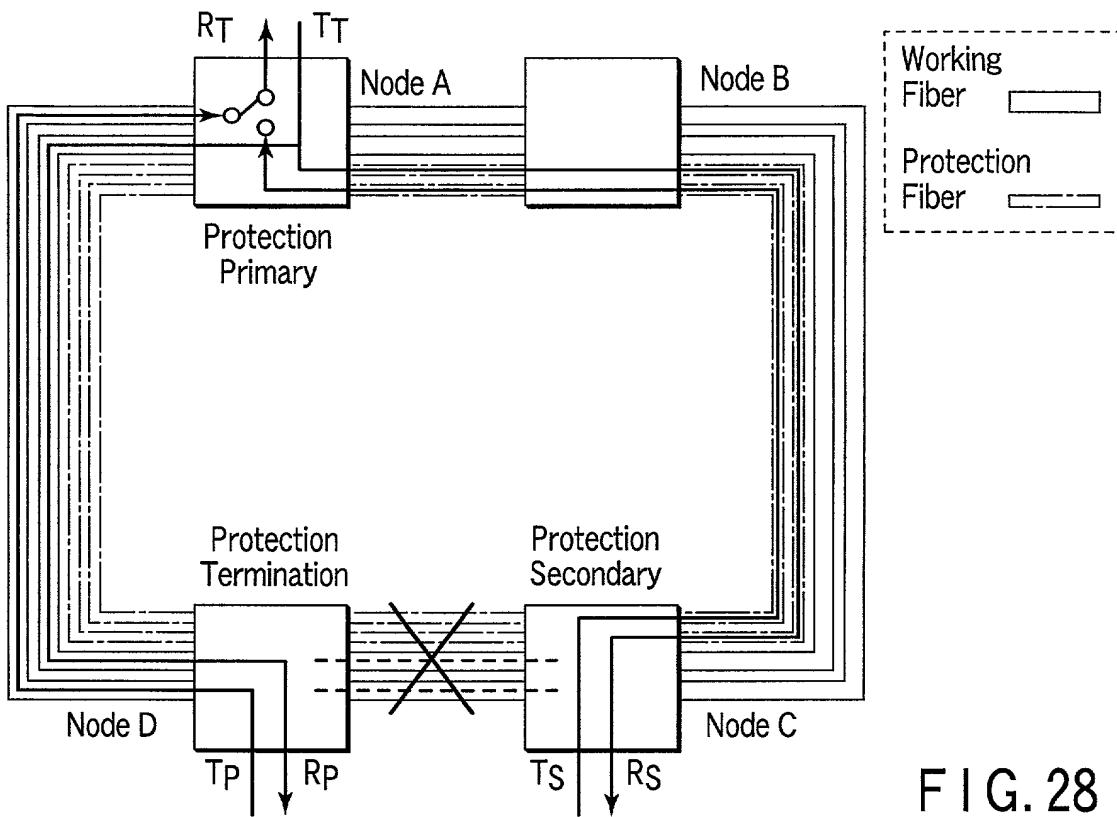


FIG. 28

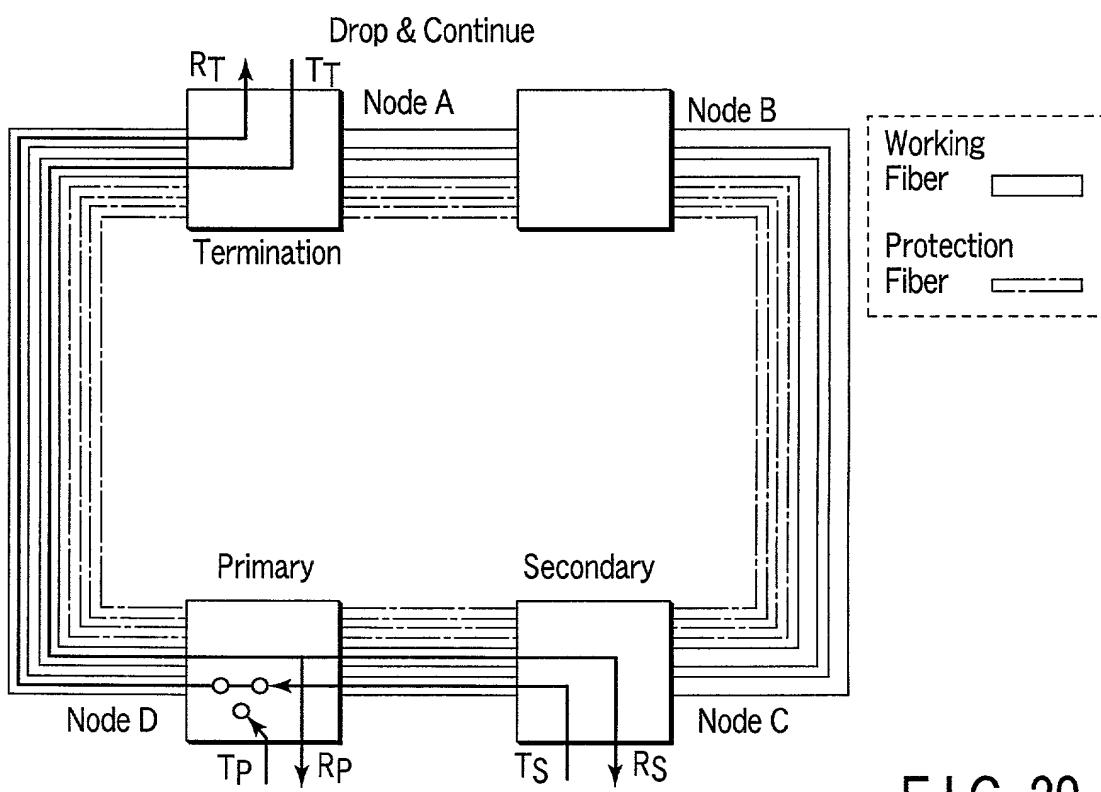


FIG. 29

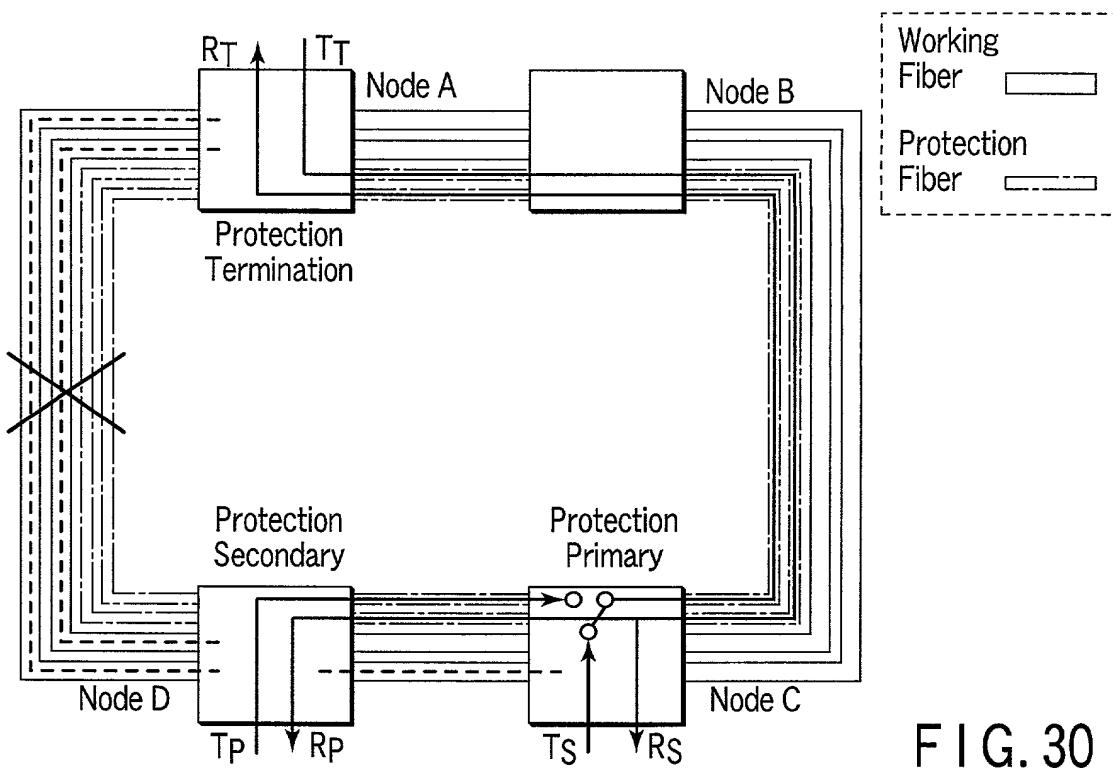


FIG. 30

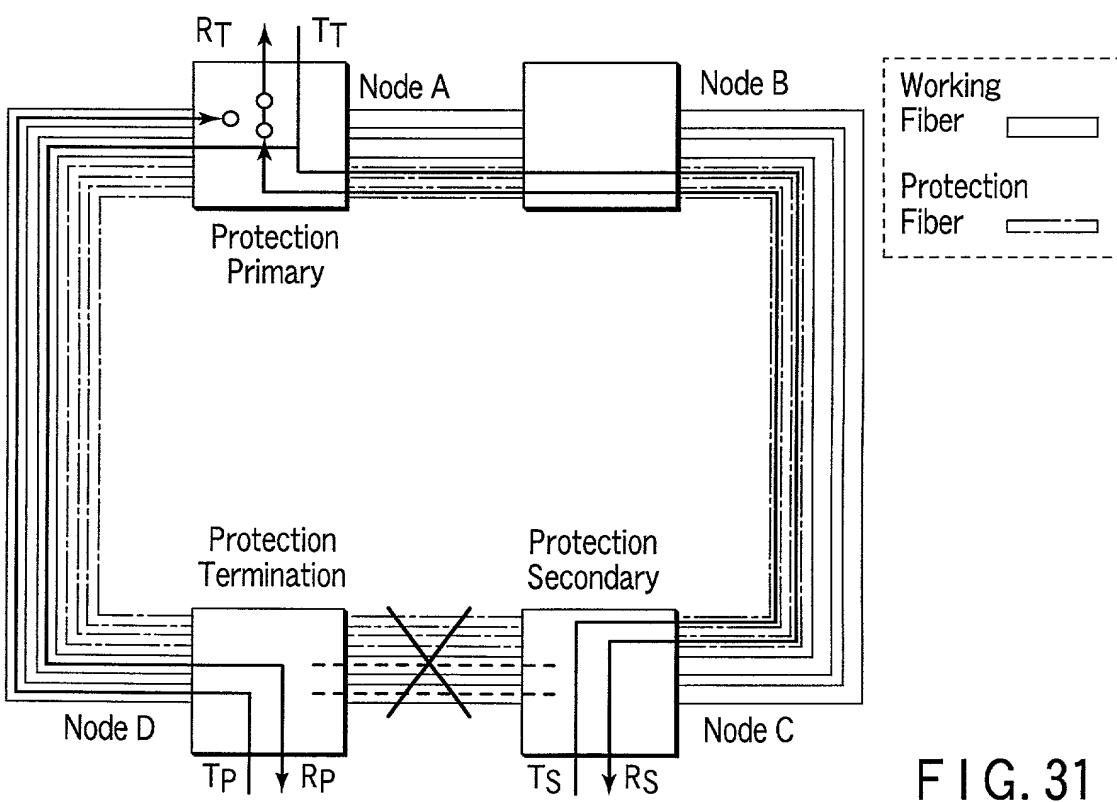


FIG. 31

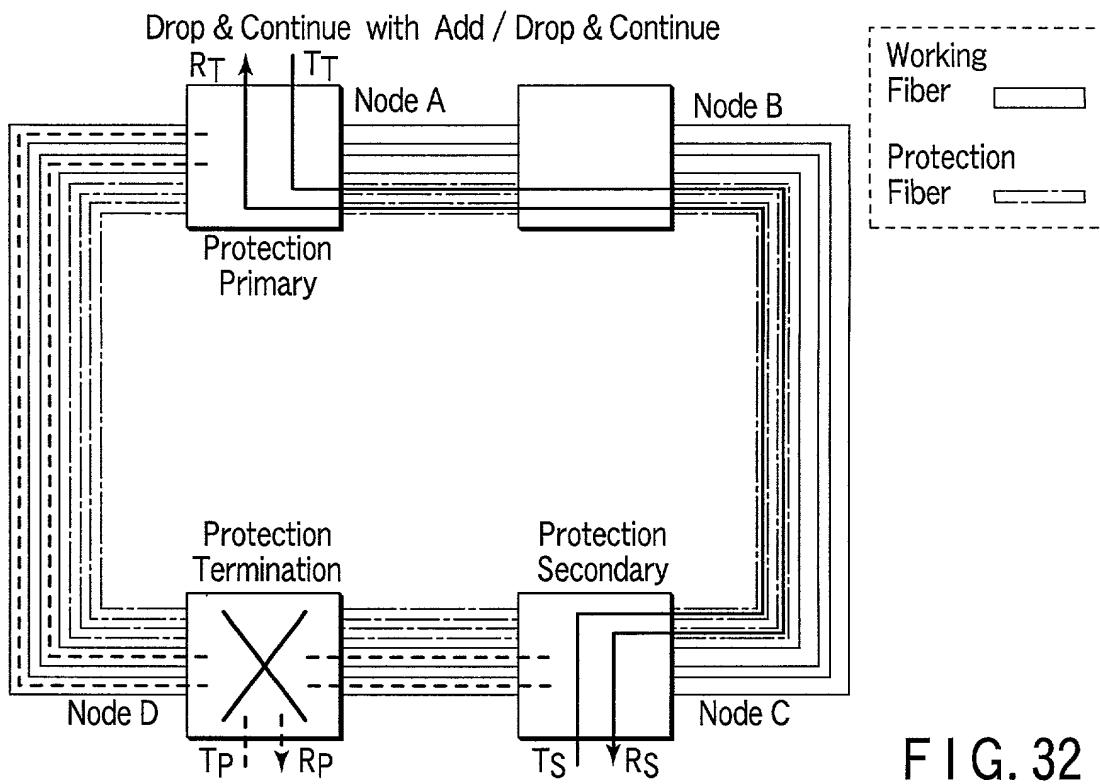


FIG. 32

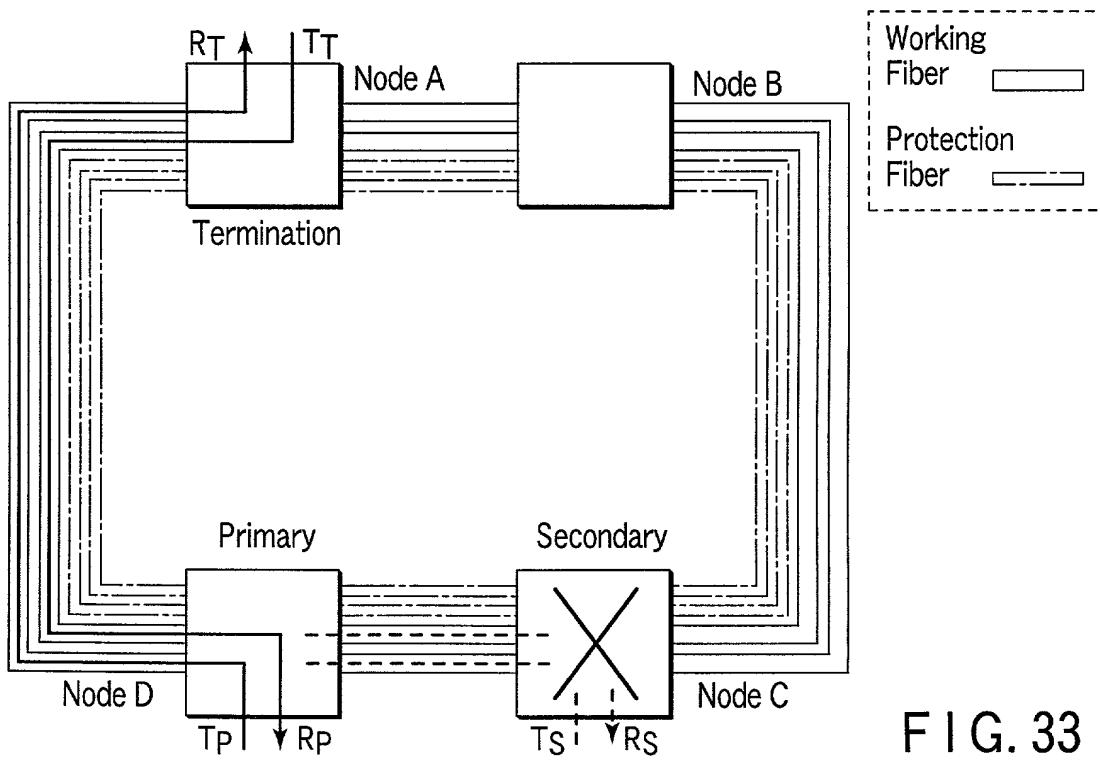


FIG. 33

### RingAPS(Transoceanic) & Ringinterworking (1)

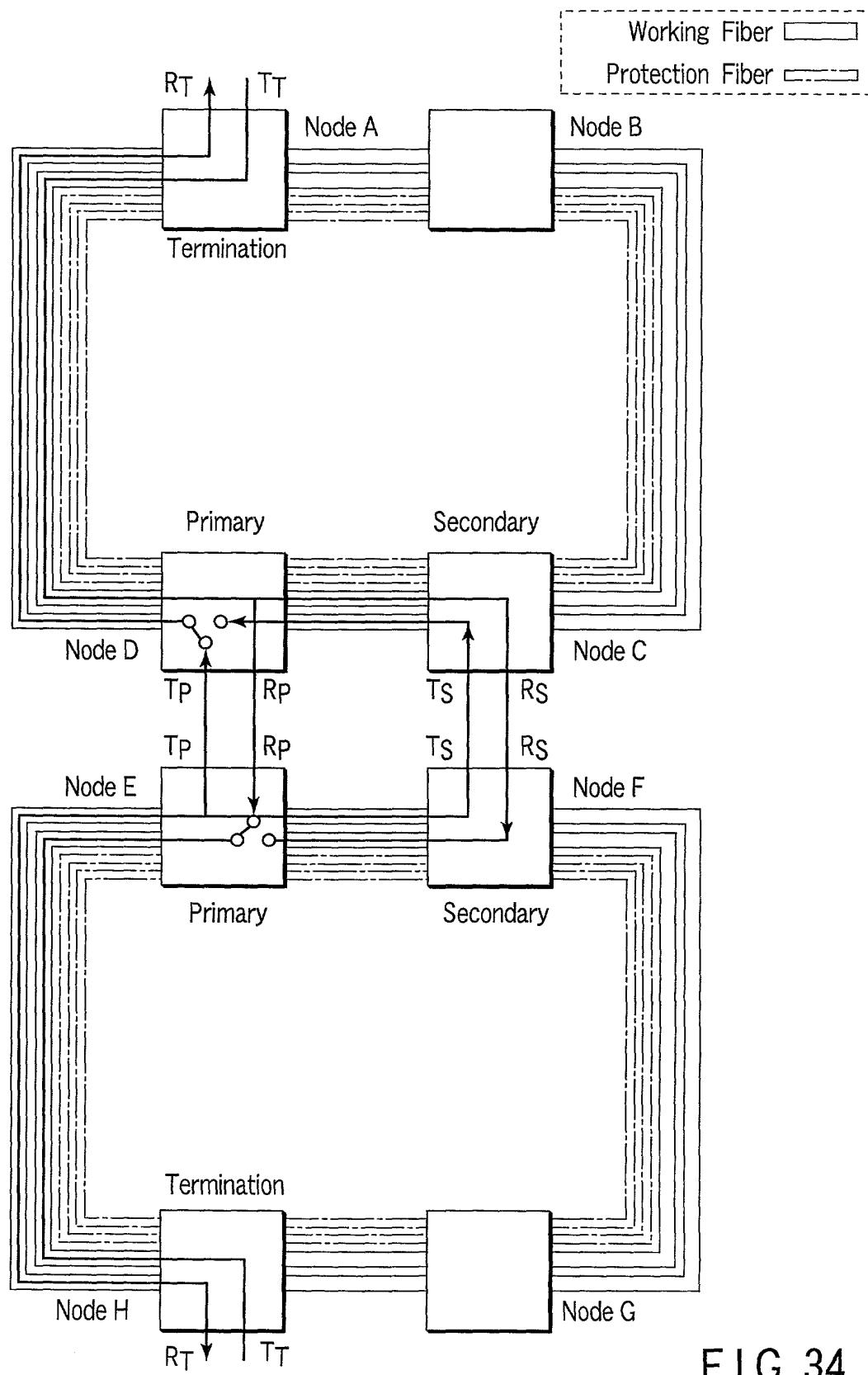


FIG. 34

## RingAPS(Transoceanic) & Ringinterworking (2)

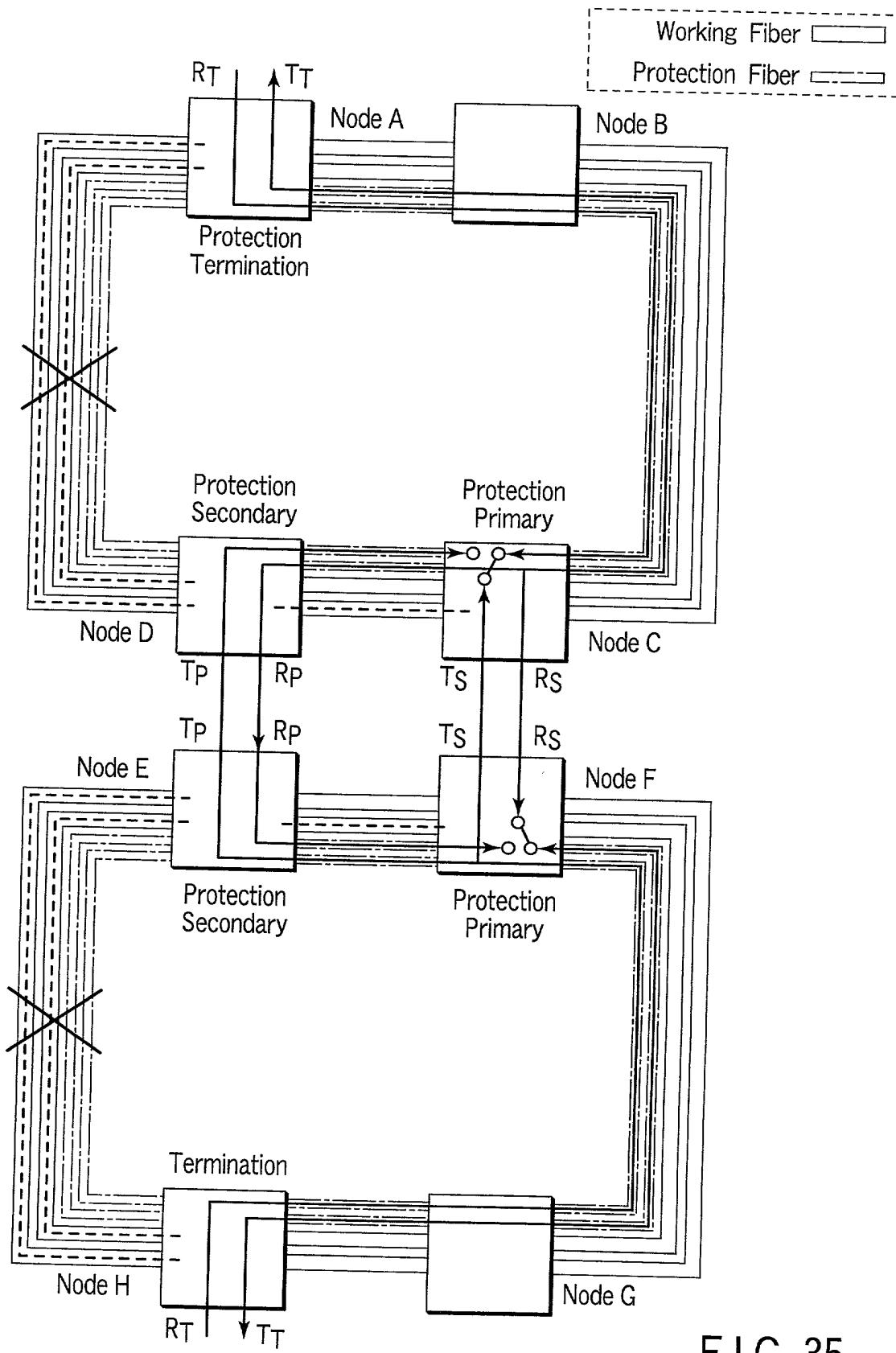


FIG. 35

### RingAPS(Transoceanic) & Ringinterworking (3)

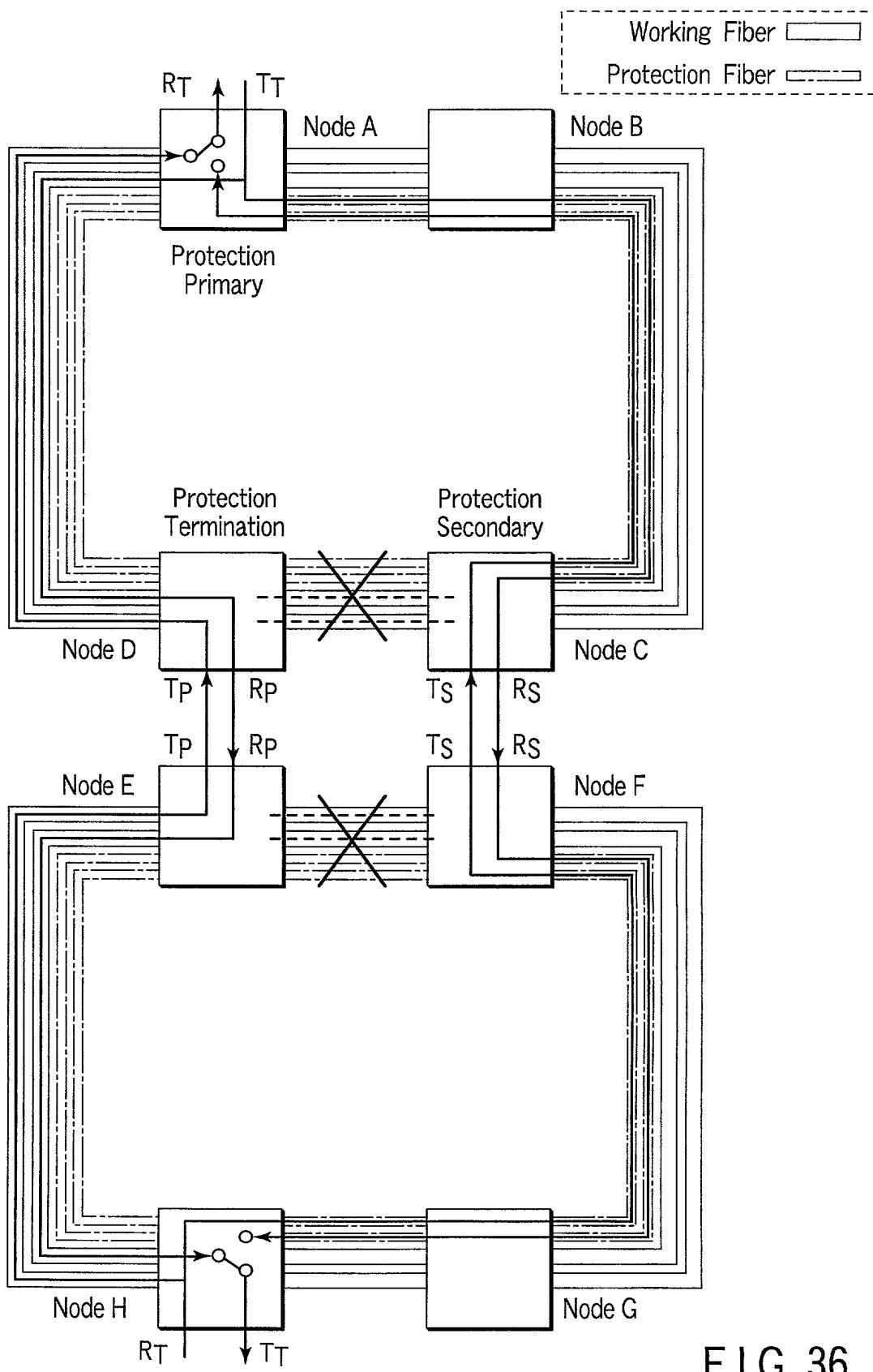
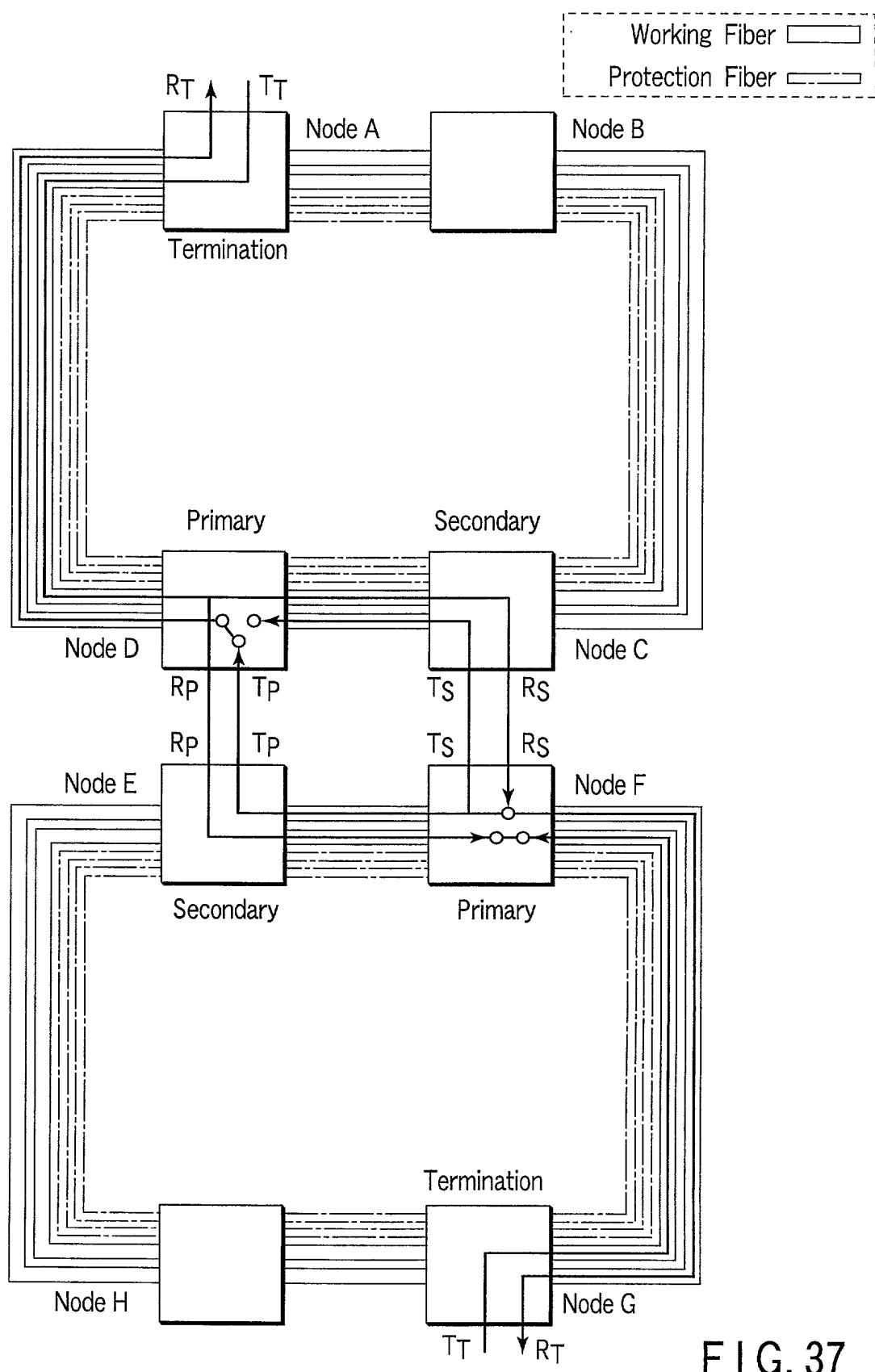


FIG. 36

### RingAPS(Transoceanic) & Ringinterworking (4)

Transoceanic RingAPS



### RingAPS(Transoceanic) & Ringinterworking (5)

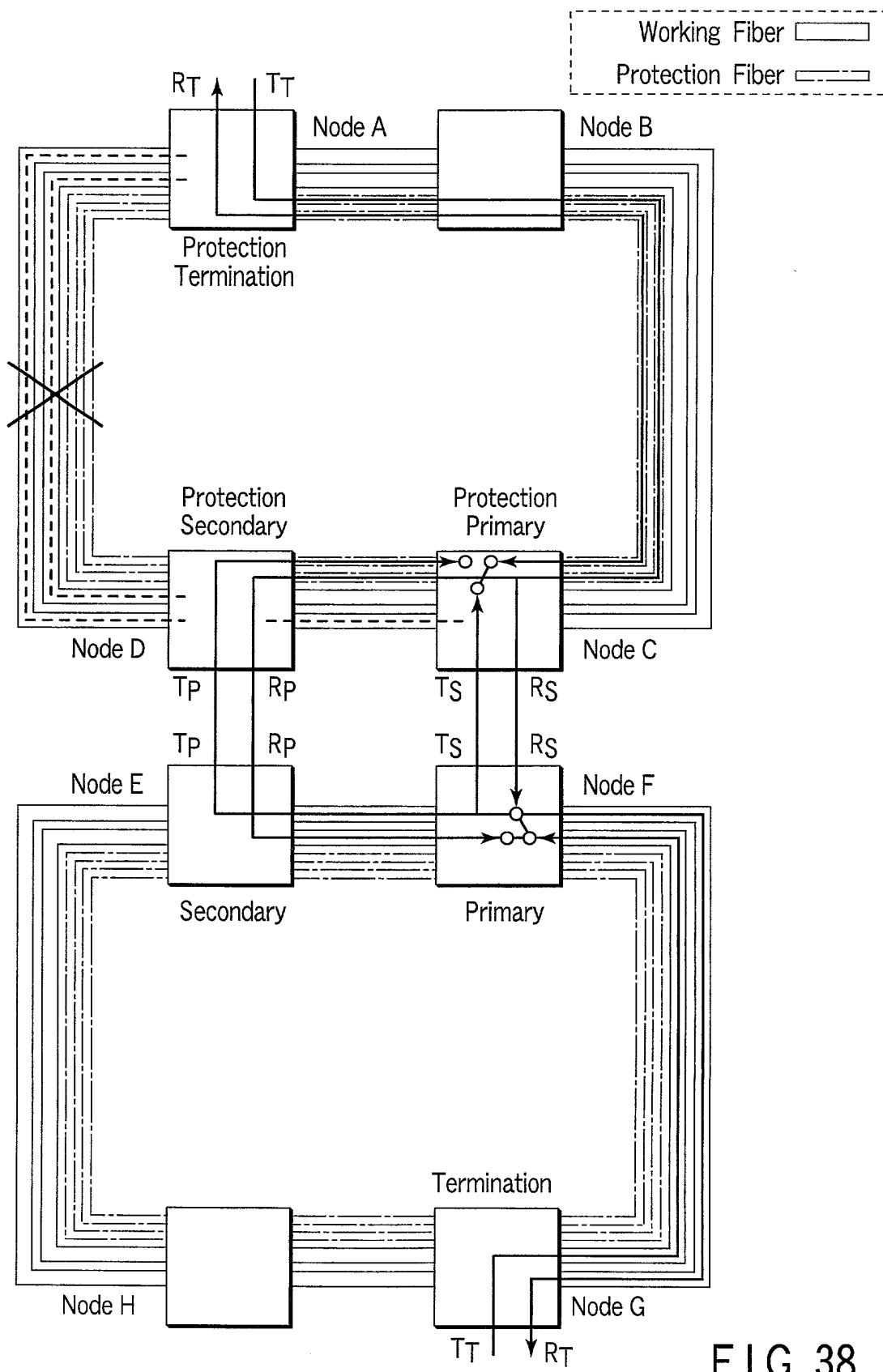


FIG. 38

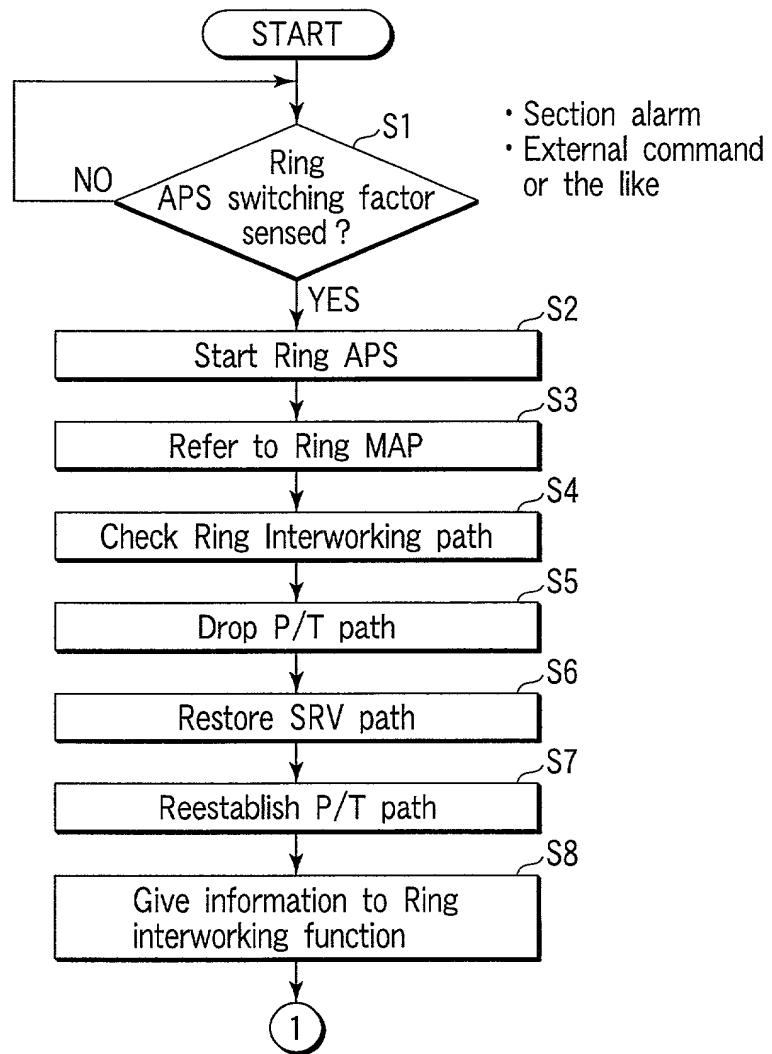


FIG. 39

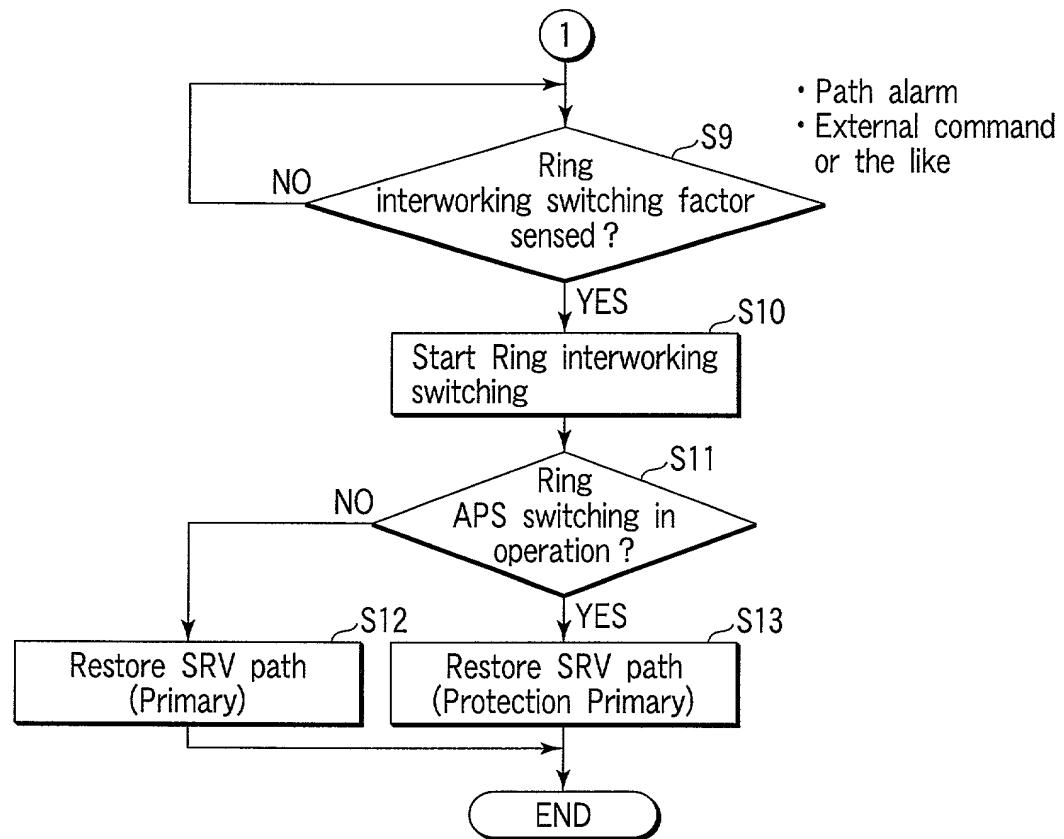


FIG. 40

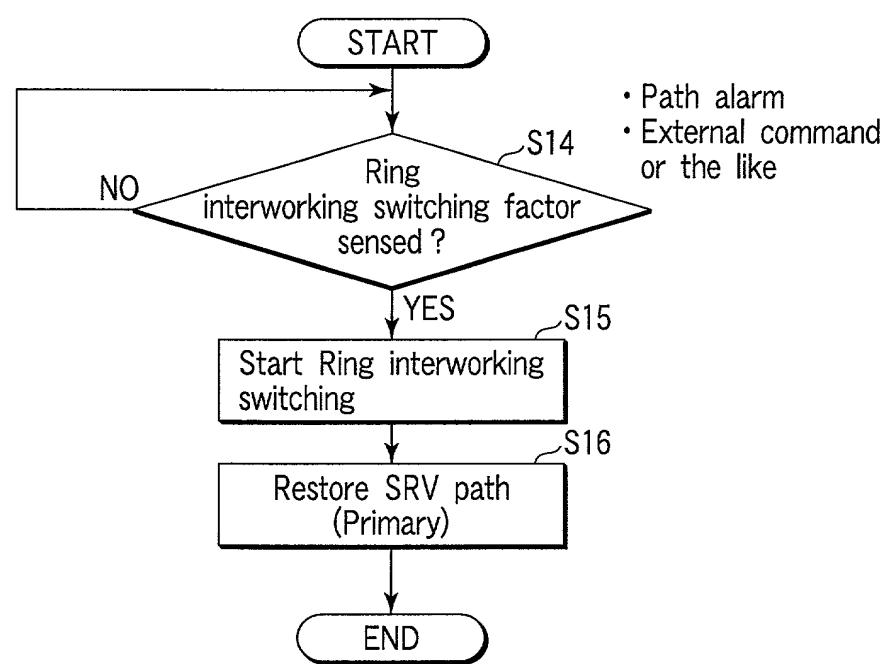


FIG. 41

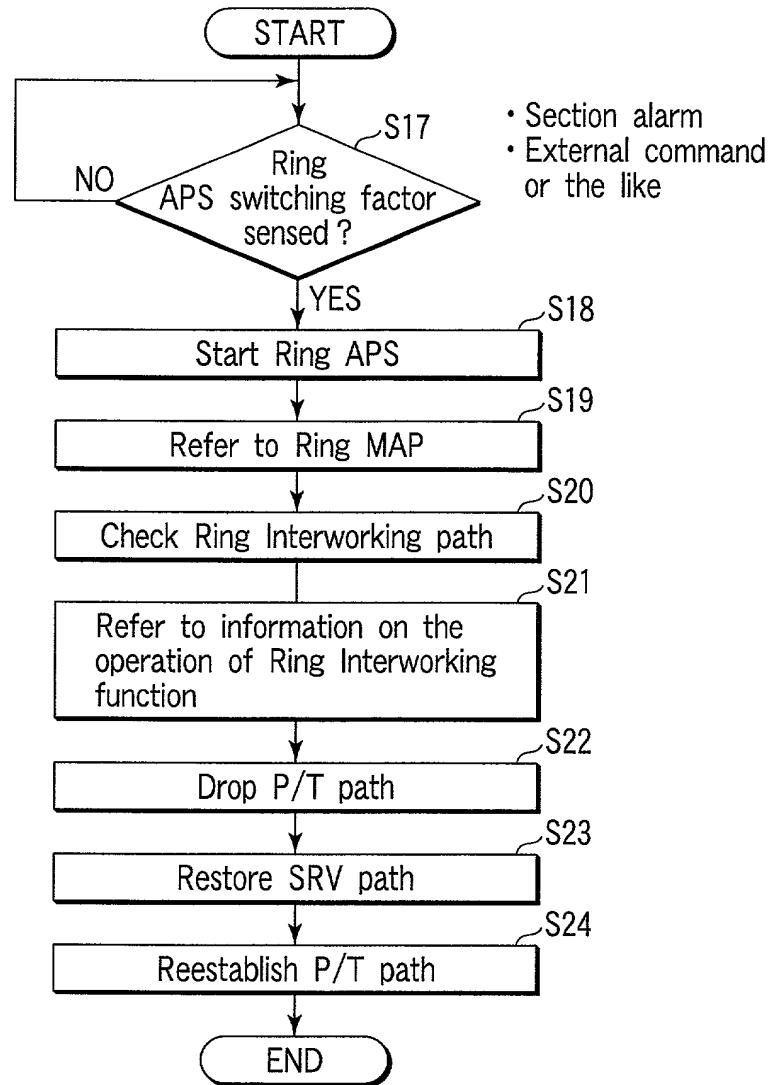


FIG. 42

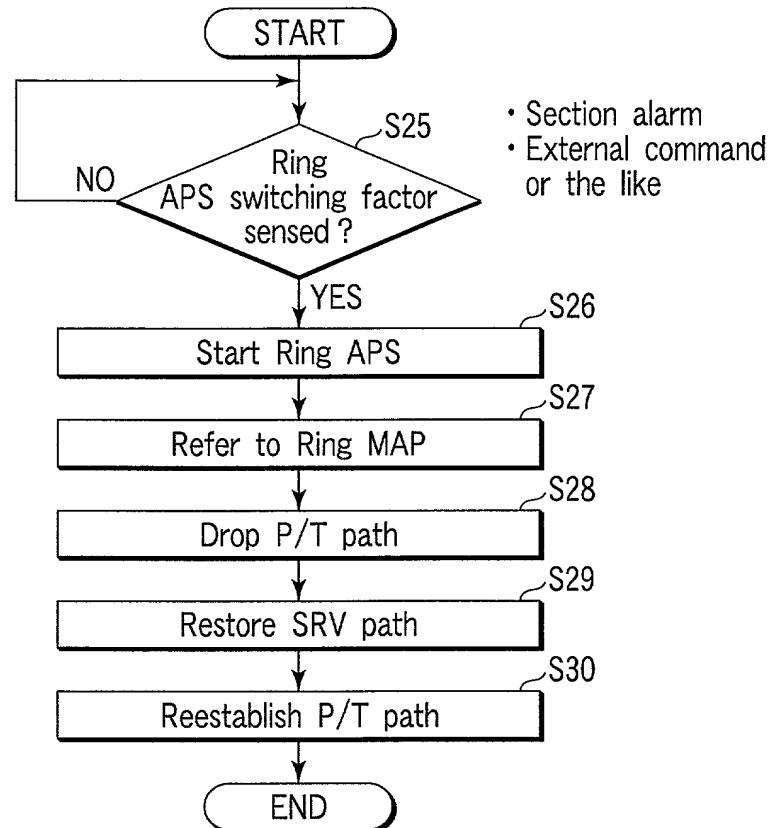
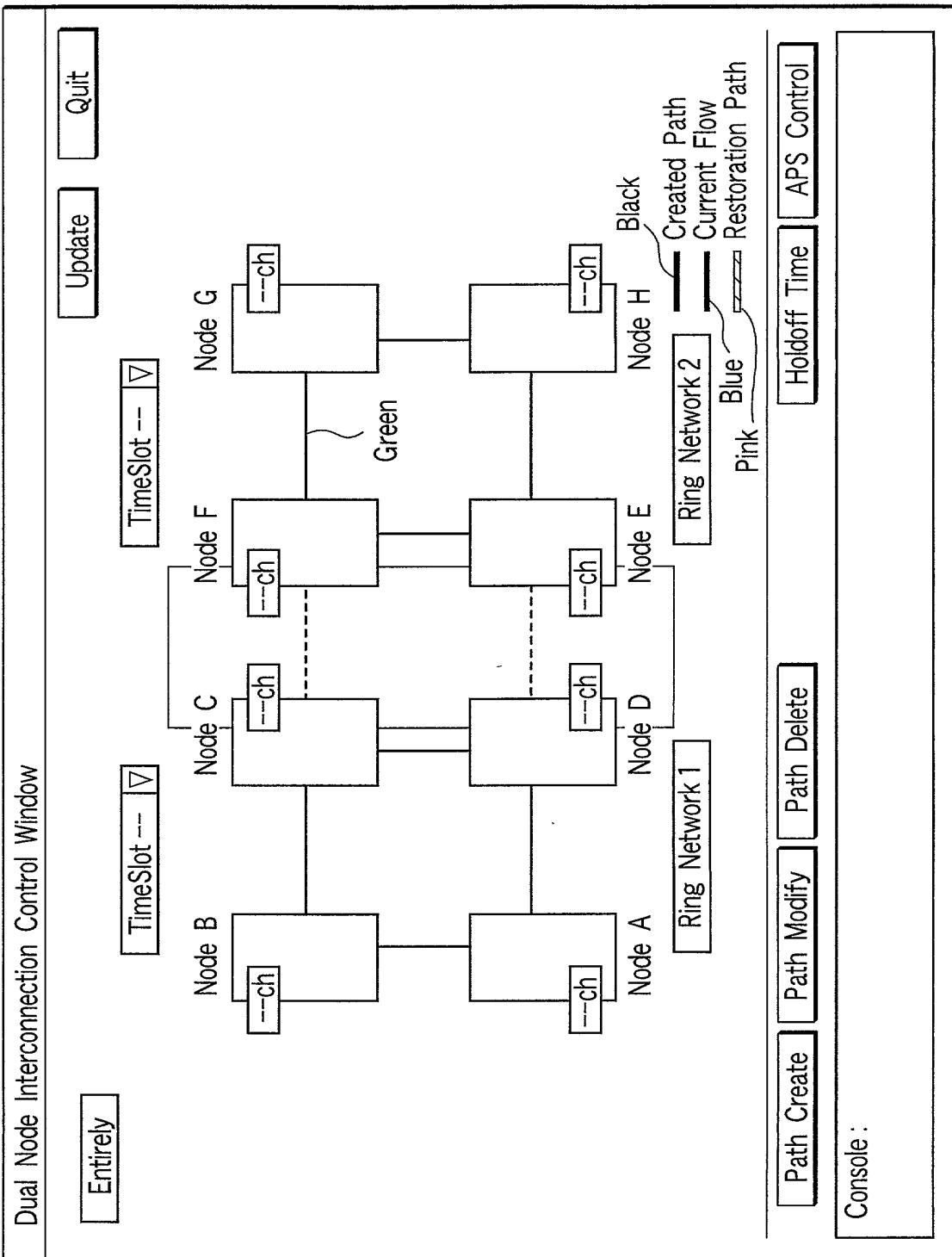


FIG. 43



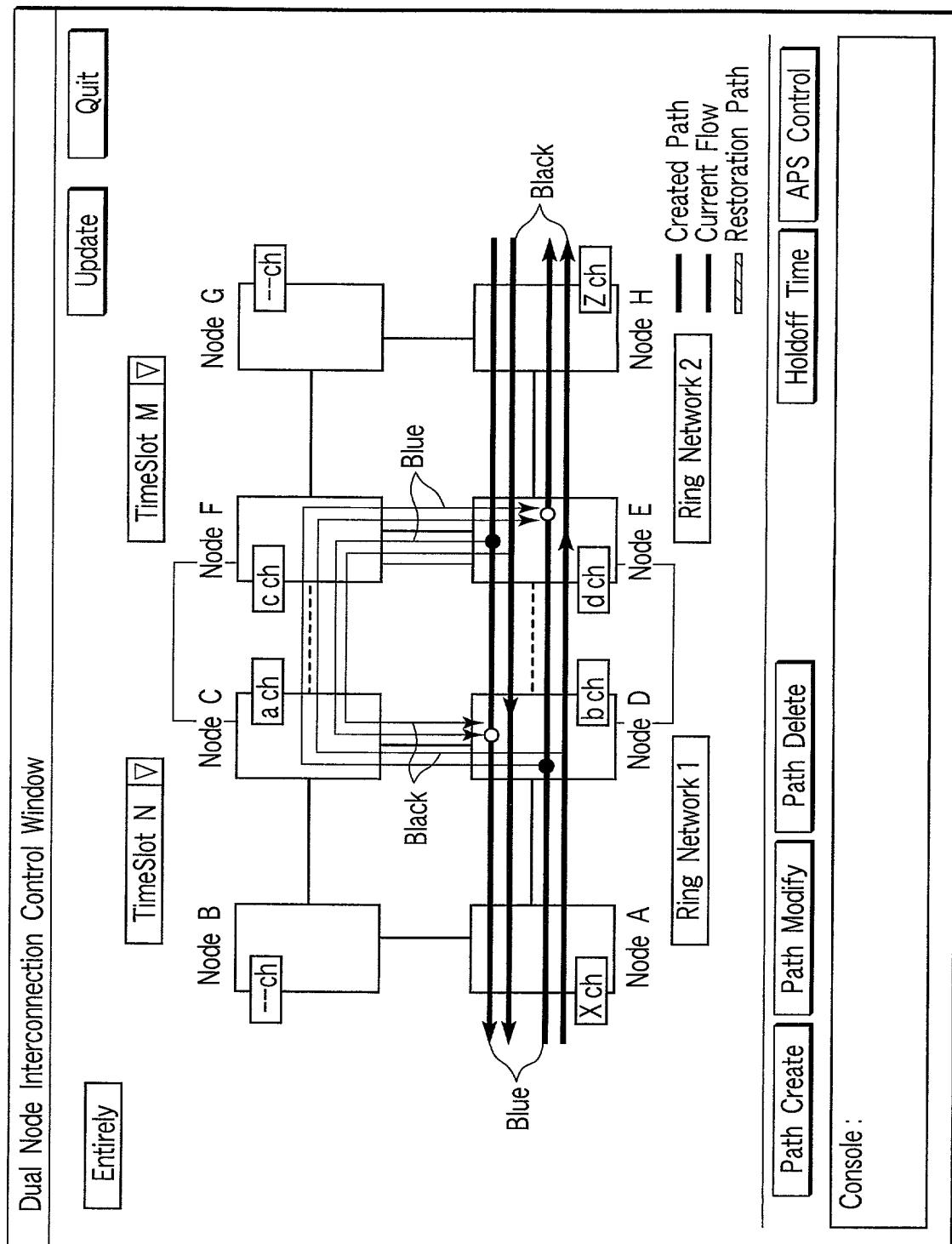


FIG. 45

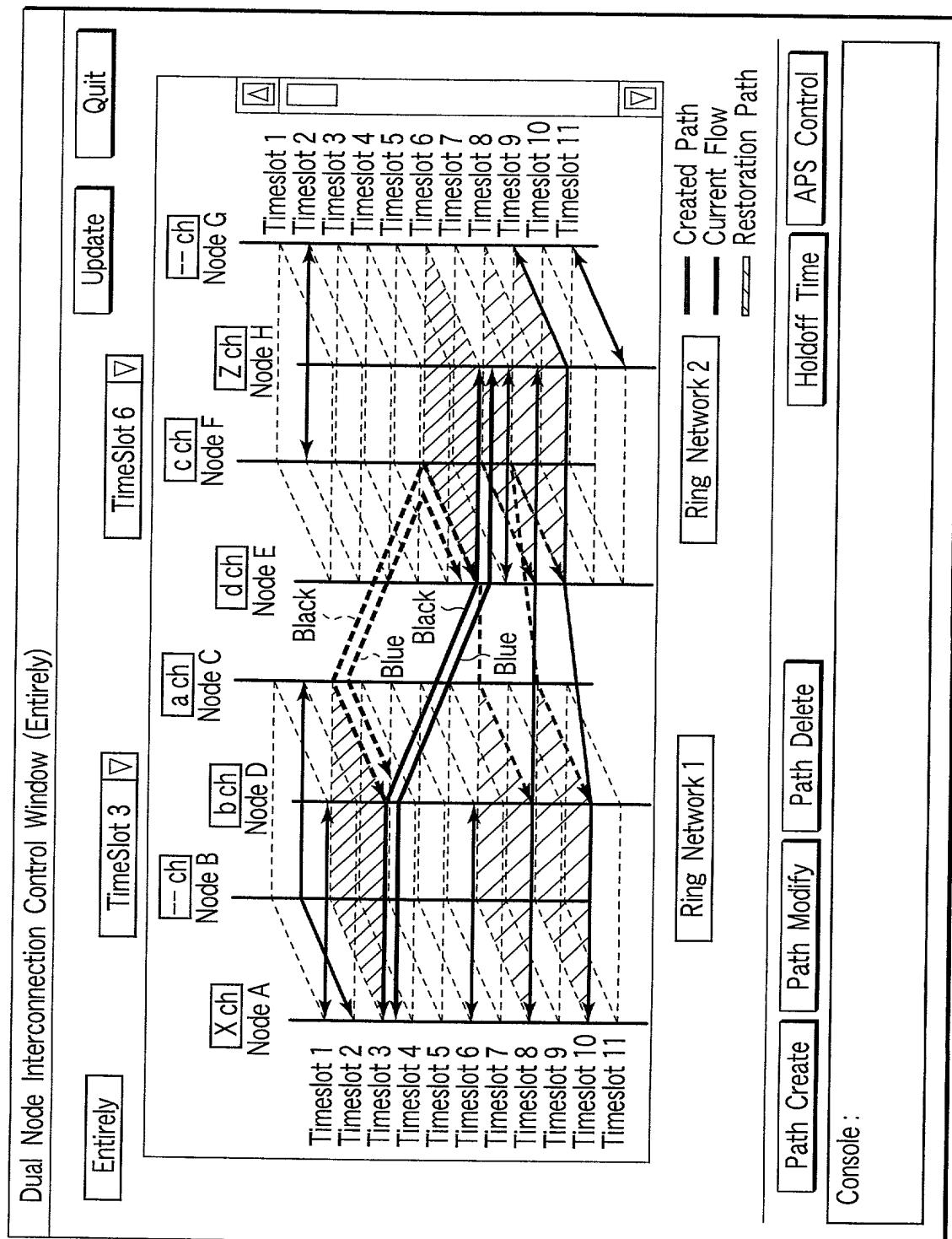


FIG. 46

Path Create

Standard

Pointing

Choice

Quit

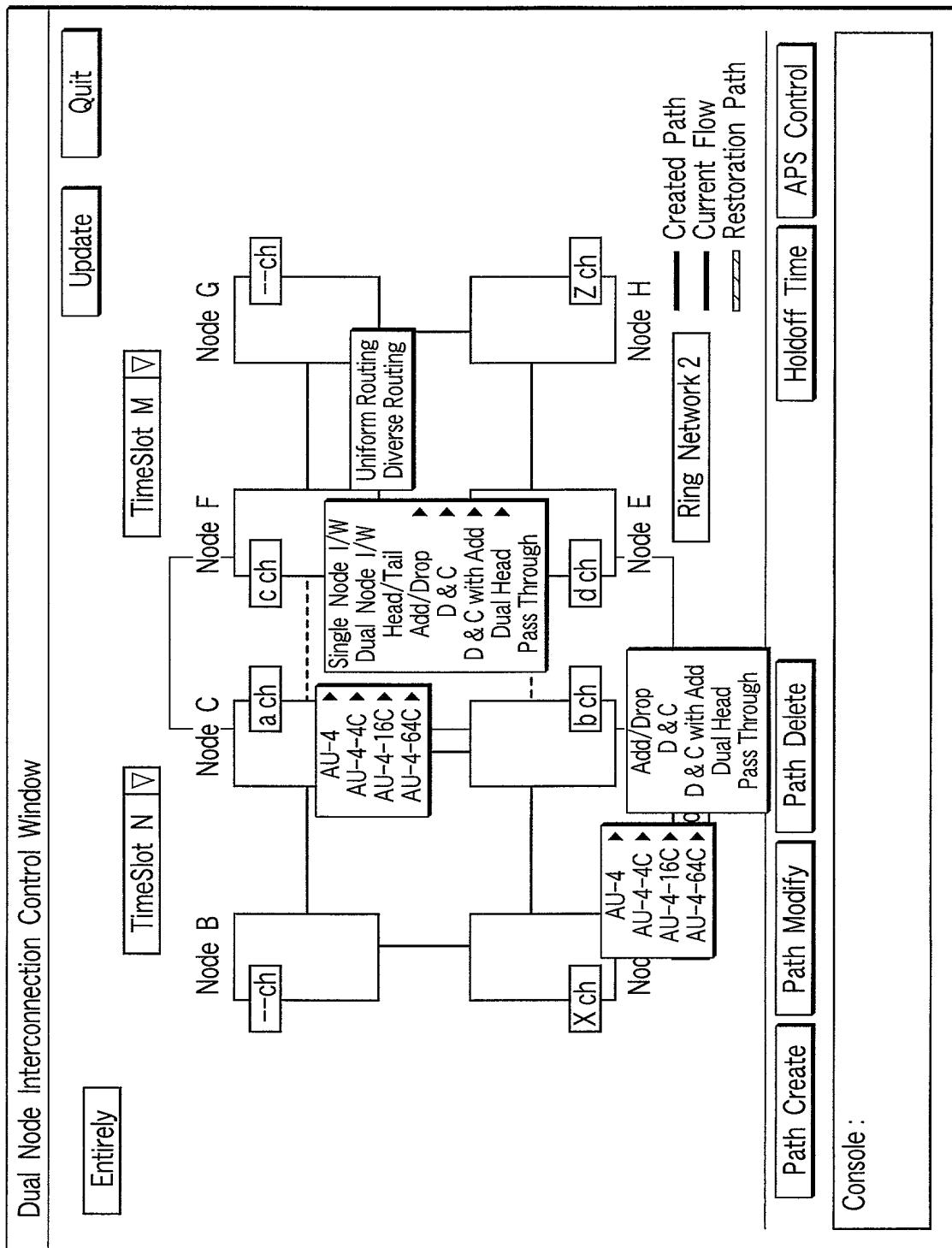
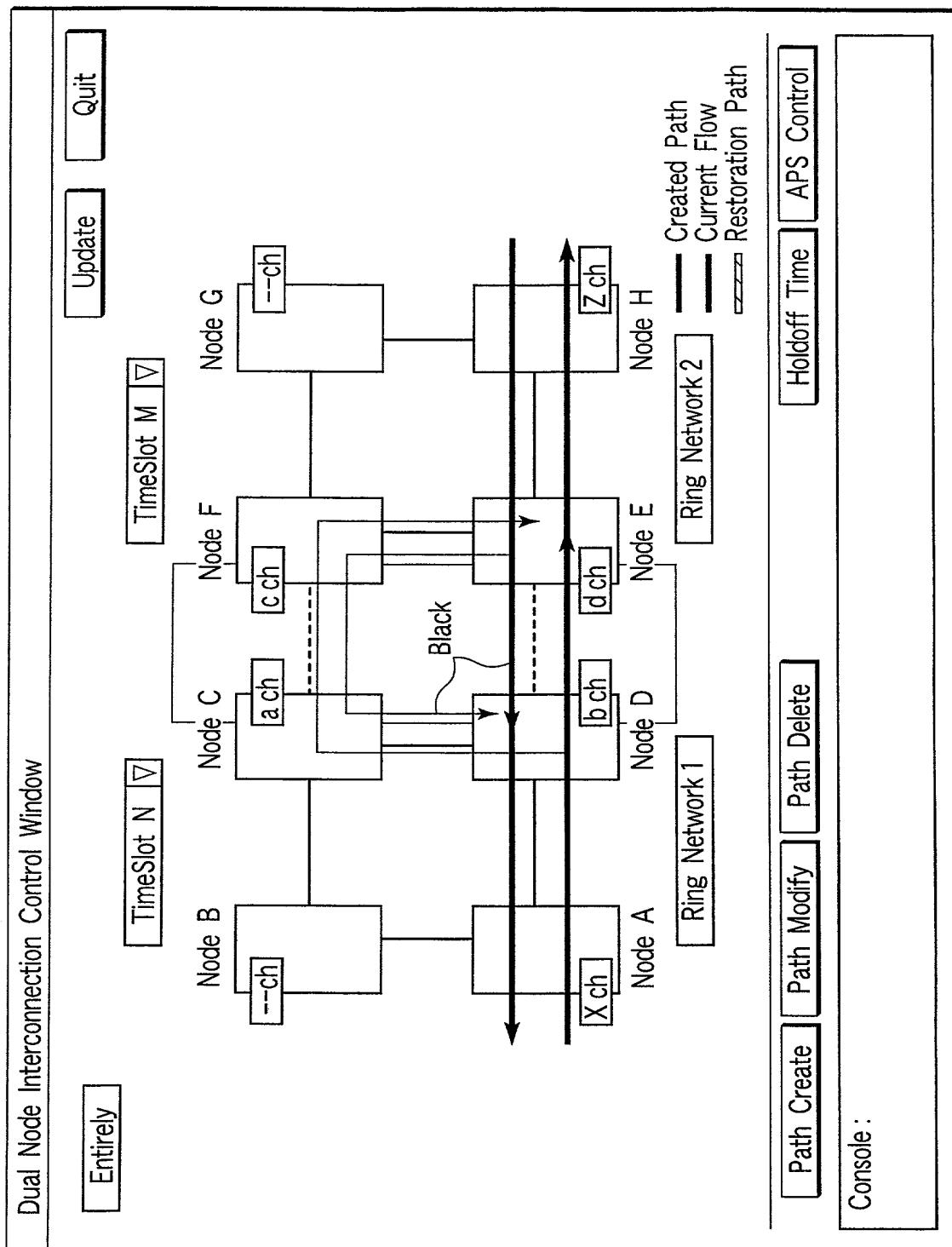


FIG. 48

Node Information	
<input type="button" value="Ring Network 1: Node B"/>	
LS channel:	<input type="text" value="LS1"/> <input type="button" value="▼"/>
Concatenation Type:	<input checked="" type="radio"/> AU-4 <input type="radio"/> AU-4-4C <input type="radio"/> AU-4-16C <input type="radio"/> AU-4-64C
Path Type:	<input type="button" value="Add/Drop"/> <input type="button" value="▼"/>
Route Type:	<input type="button" value="Uniformly"/> <input type="button" value="▼"/>
<input type="button" value="Exec"/> <input type="button" value="Cancel"/>	

FIG. 49



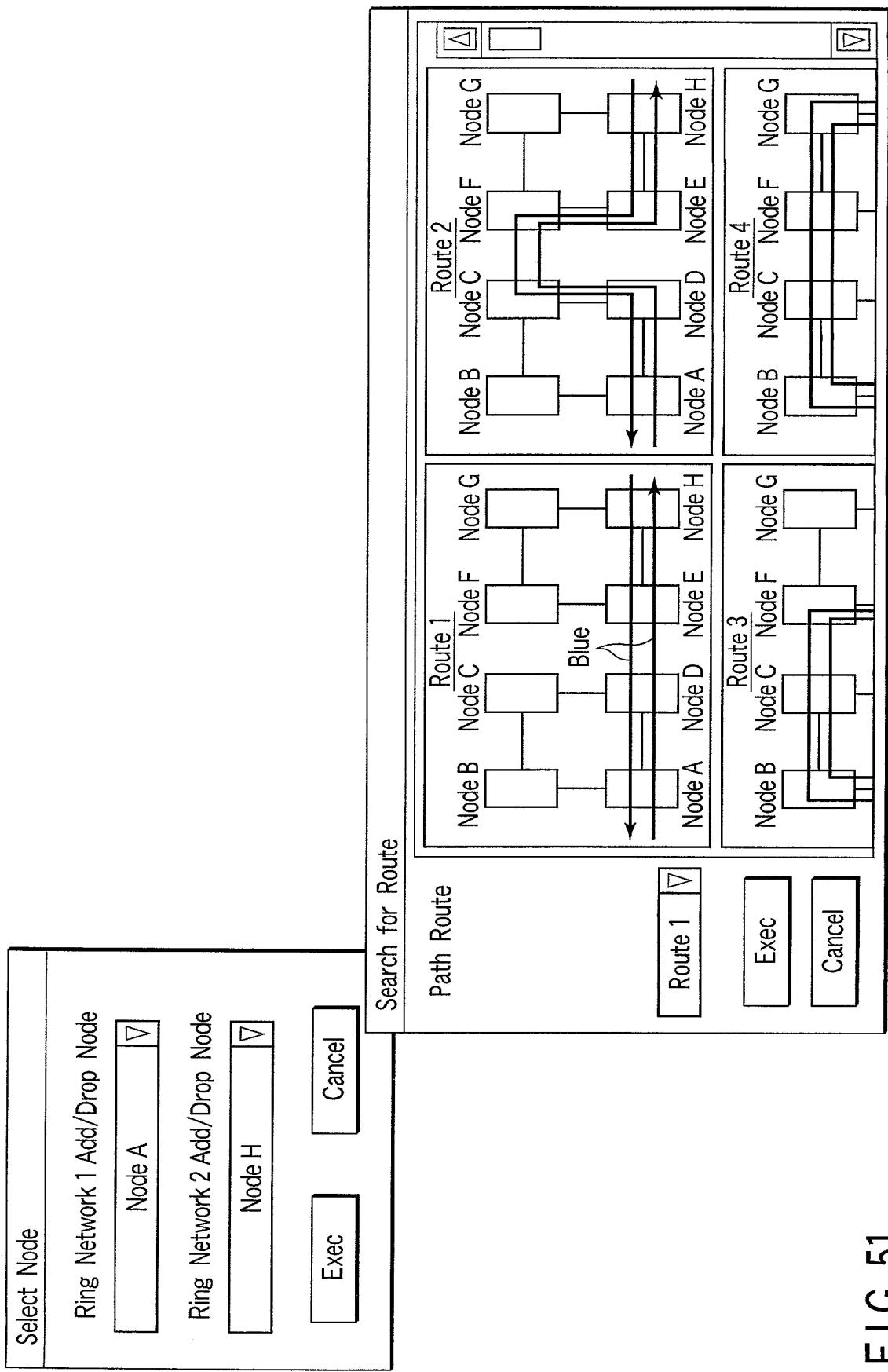
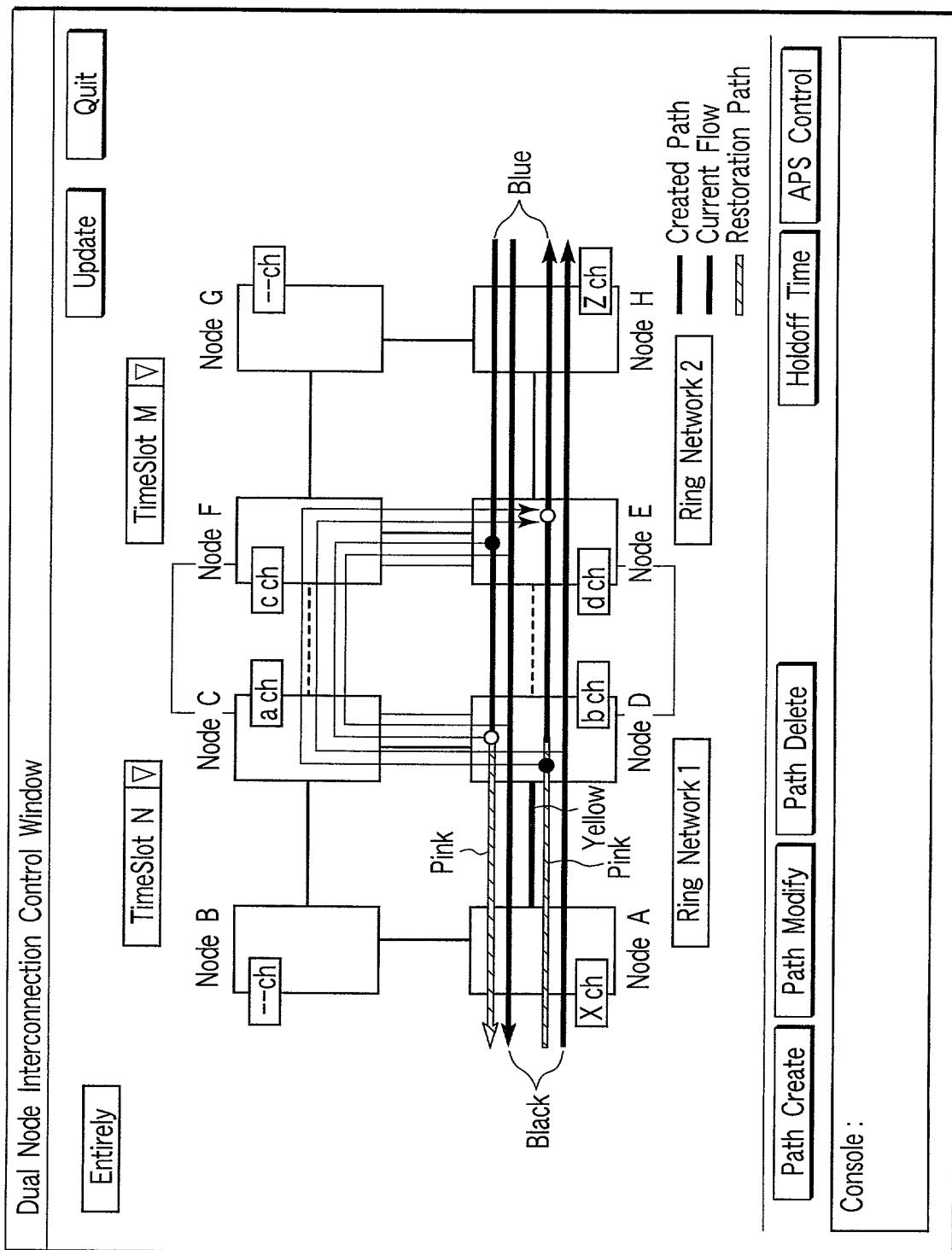


FIG. 51



**FIG. 52**

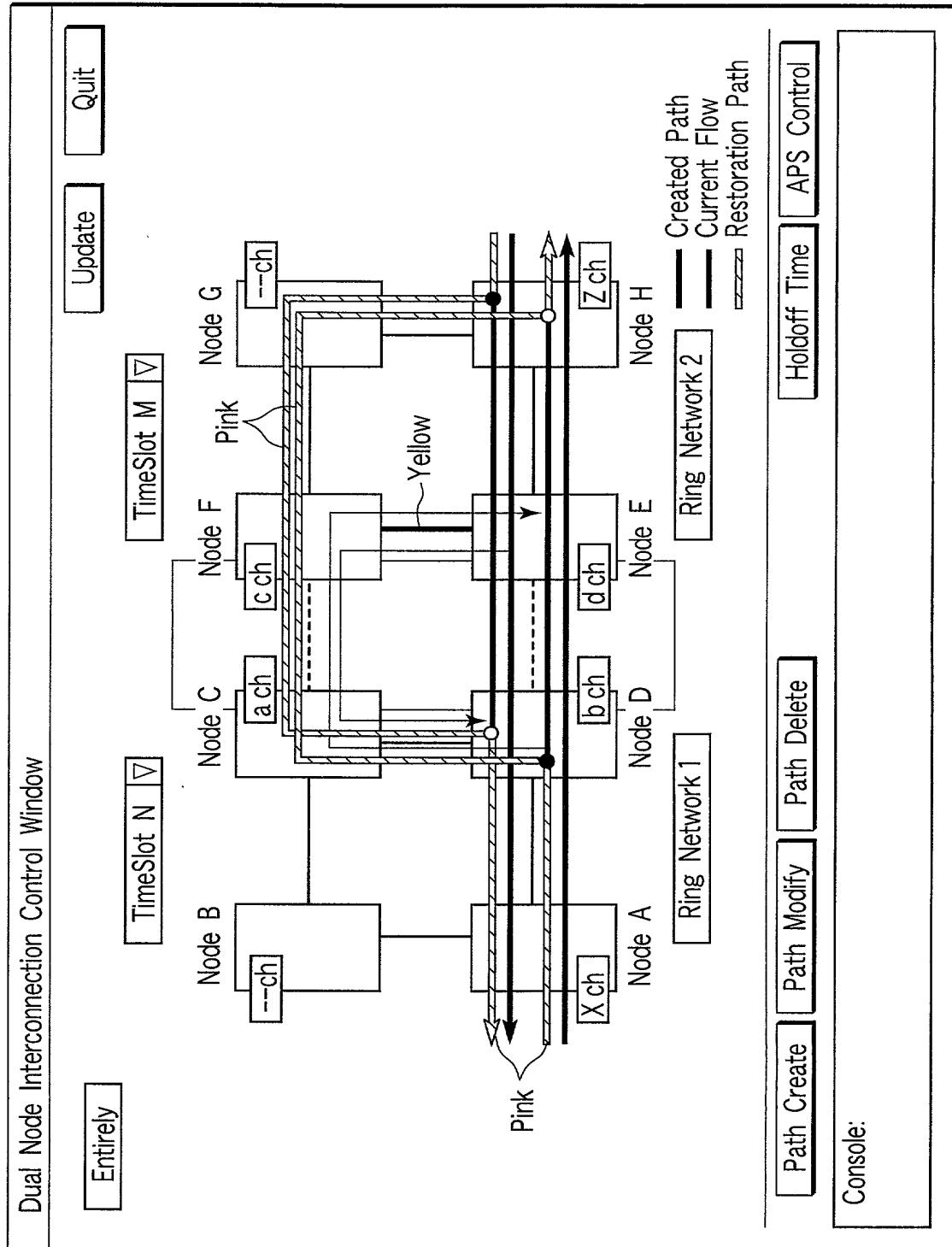


FIG. 53

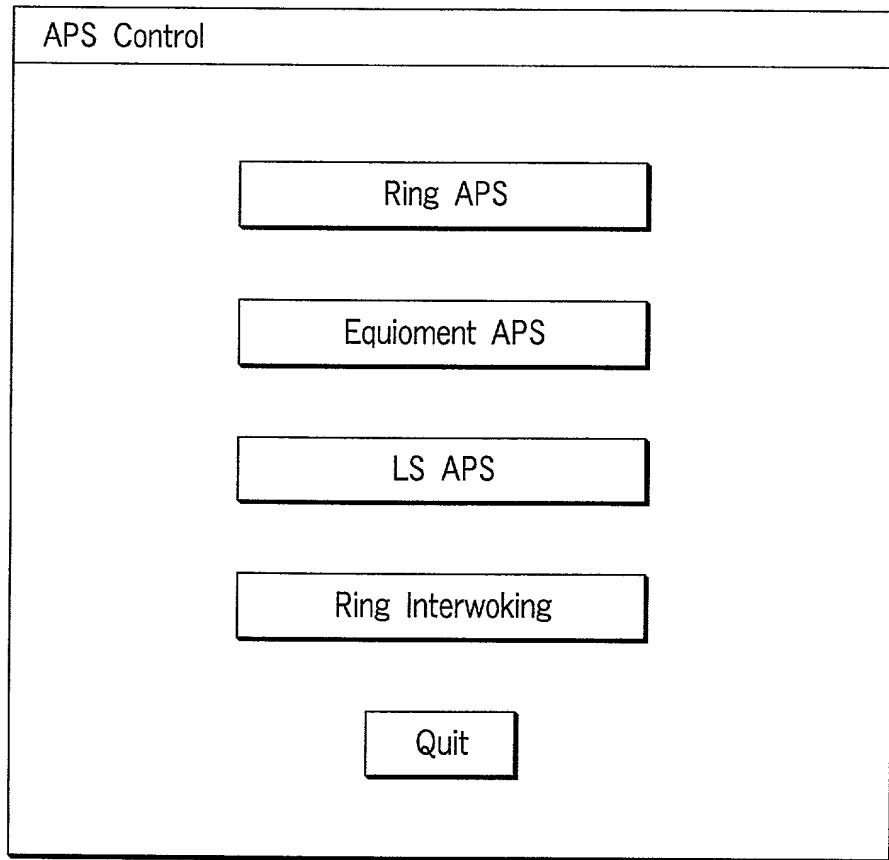


FIG. 54

**Maintenance for Interconnection**

Ring Network 1

Ring Network 2

Node A

Node B

Node C

Node D

Node E

Node F

Node G

Node H

Red

Selecting Maintenance Portion

Target :  All Tributary  Each Tributary

Select Tributary :

Exec

Cancel

Node E(Ring Network 2) to Node D(Ring Network 1)

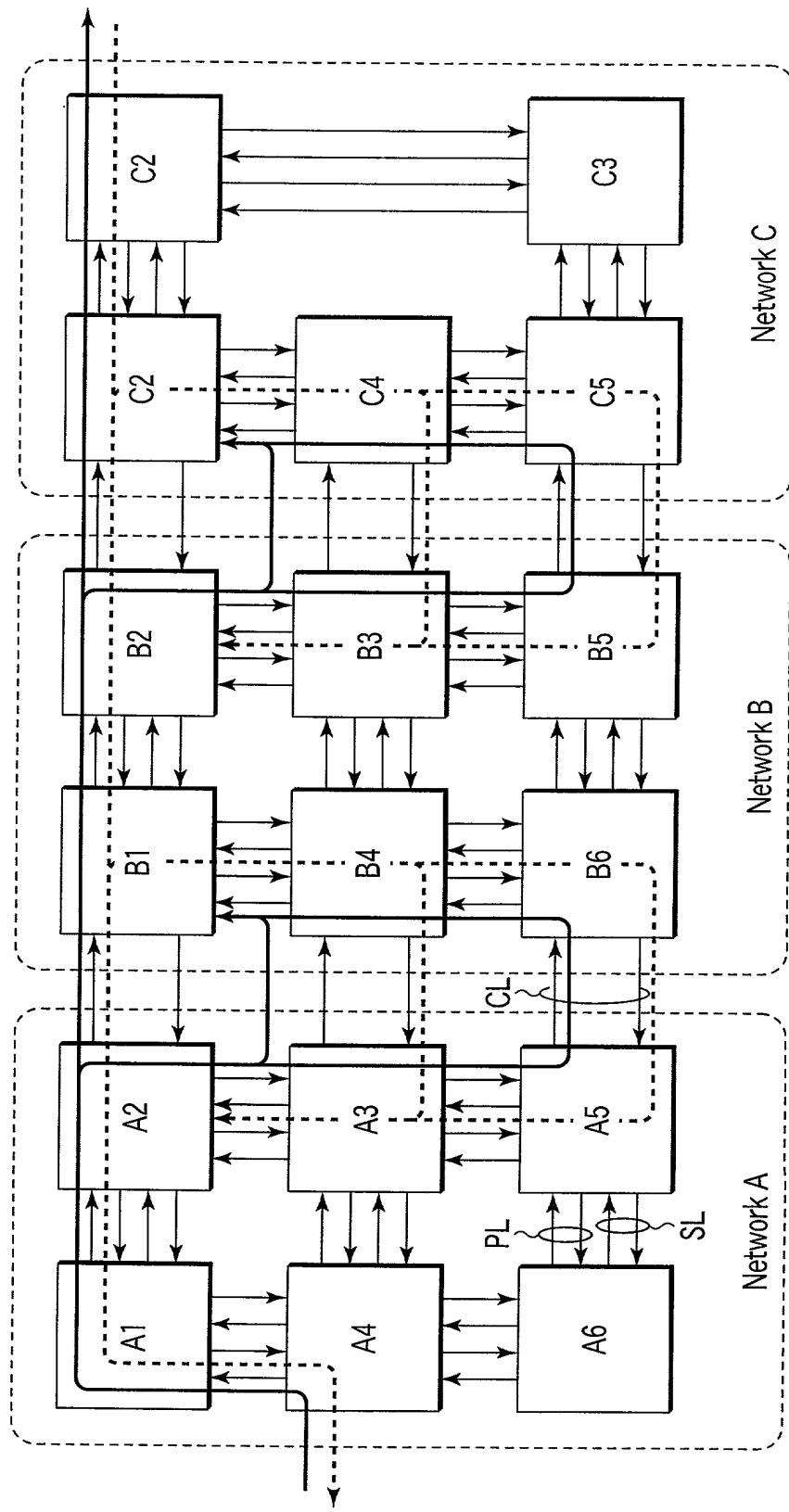
Cancel

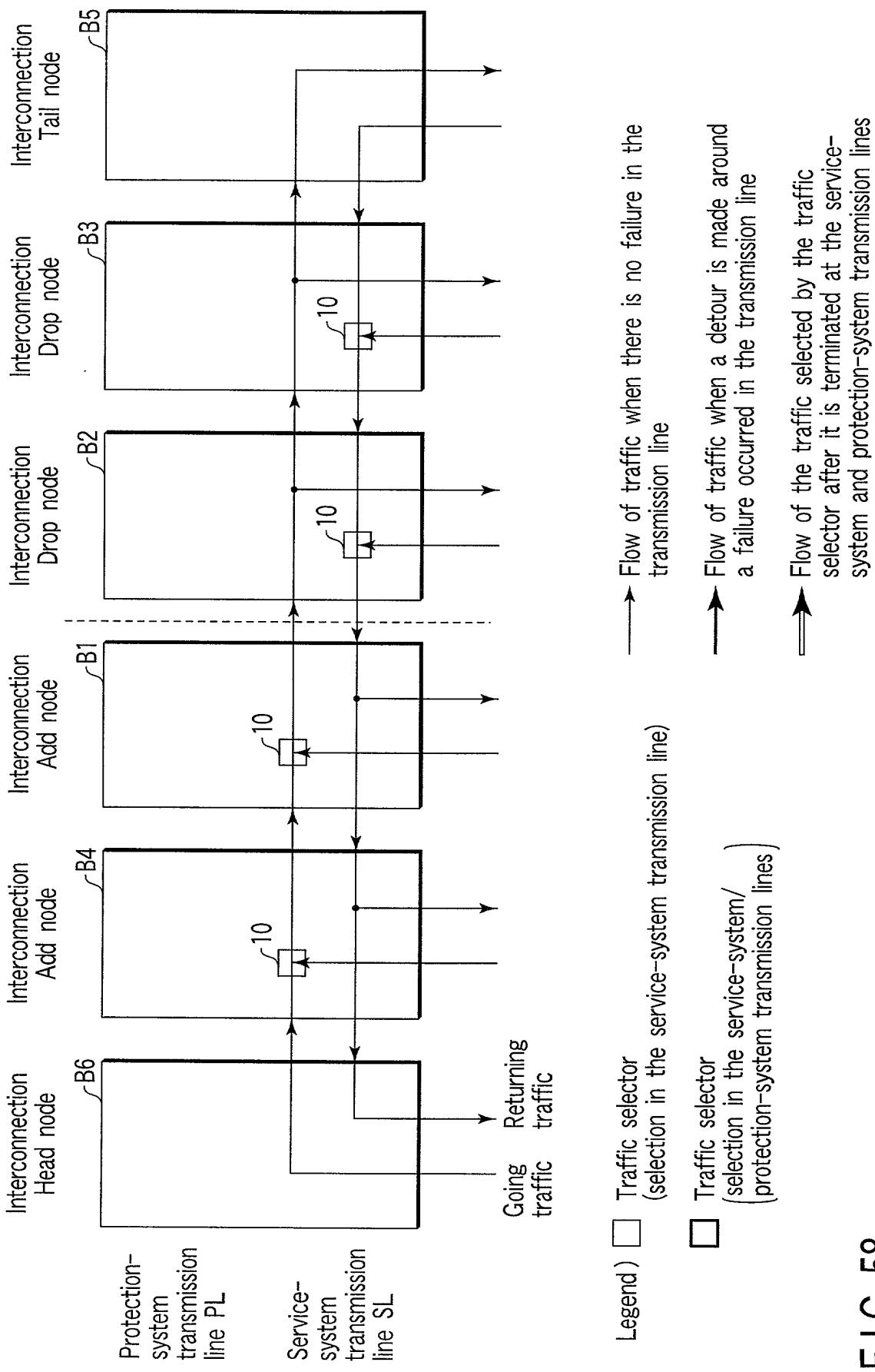
FIG. 55

Holdoff Timer Setting	
Target :	<input type="text" value="Network 1"/> <input type="button" value="▼"/>
Timer Value : (Range : 0~10sec)	<input type="text" value="0"/> <input type="button" value="△"/> [sec] + <input type="text" value="100"/> <input type="button" value="△"/> [ms] : 100ms step
Requested Value :	<input type="text" value="0.1"/> sec
<input type="button" value="Exec"/>	<input type="button" value="Cancel"/>

F | G. 56

FIG. 57





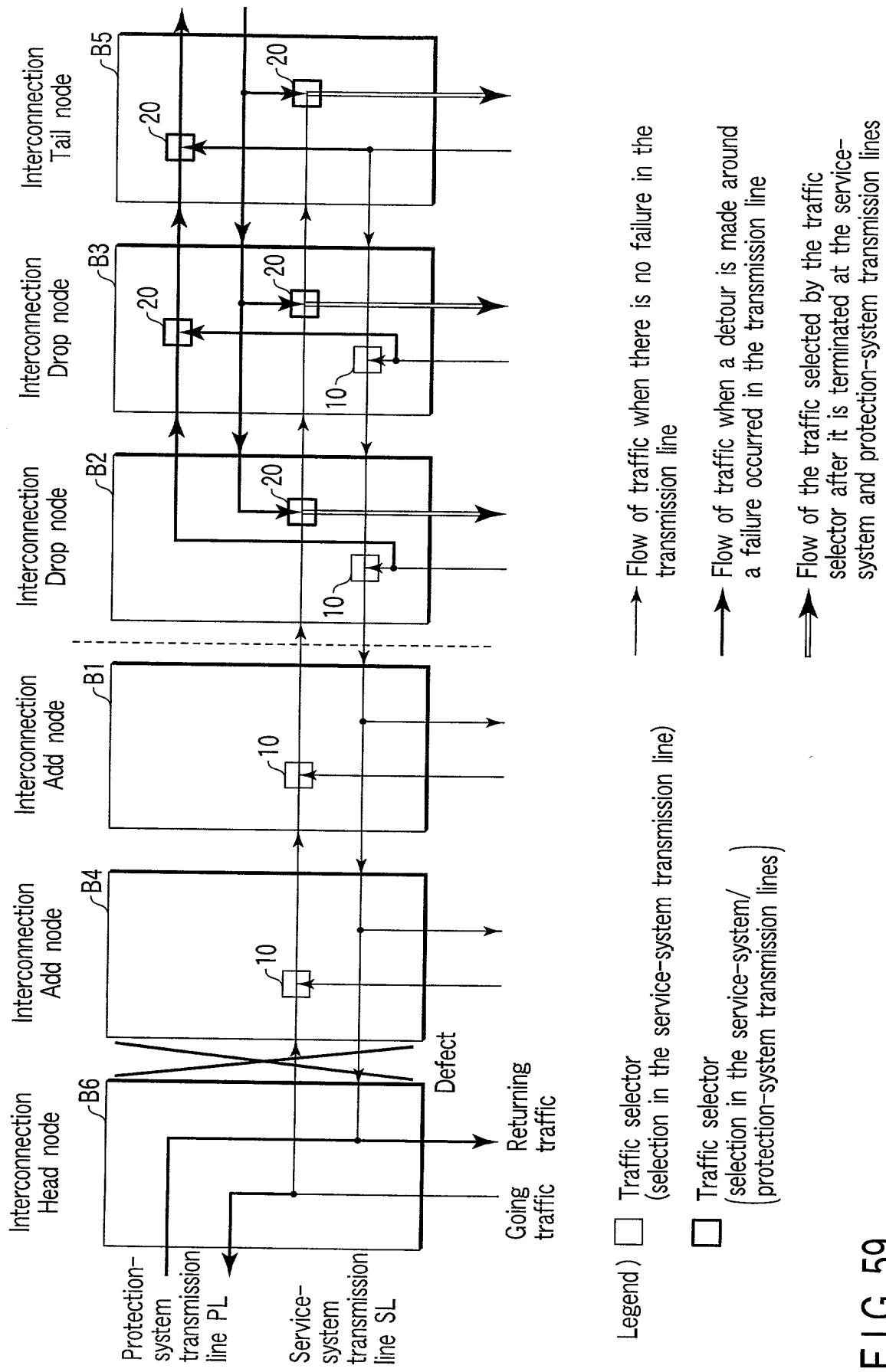
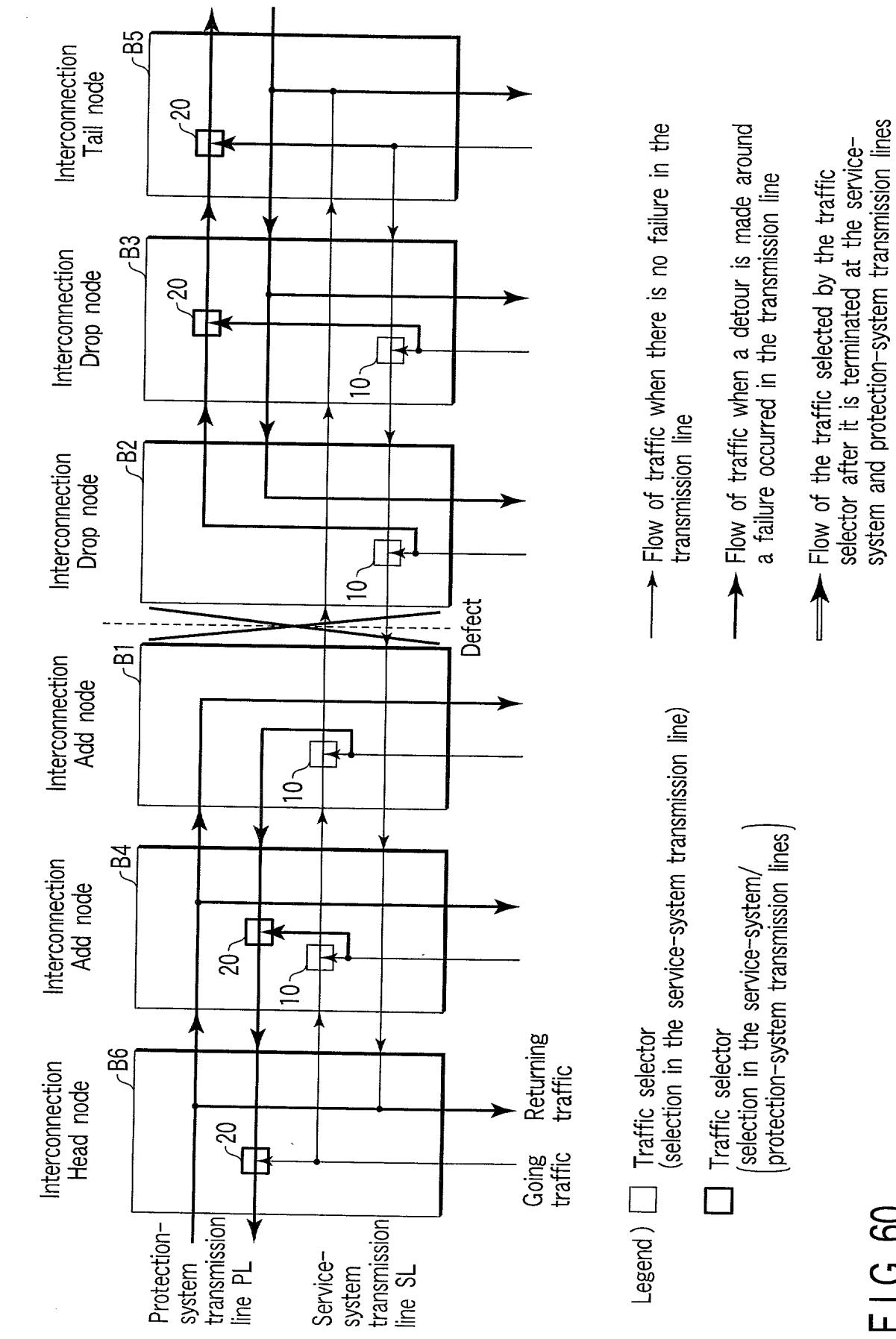
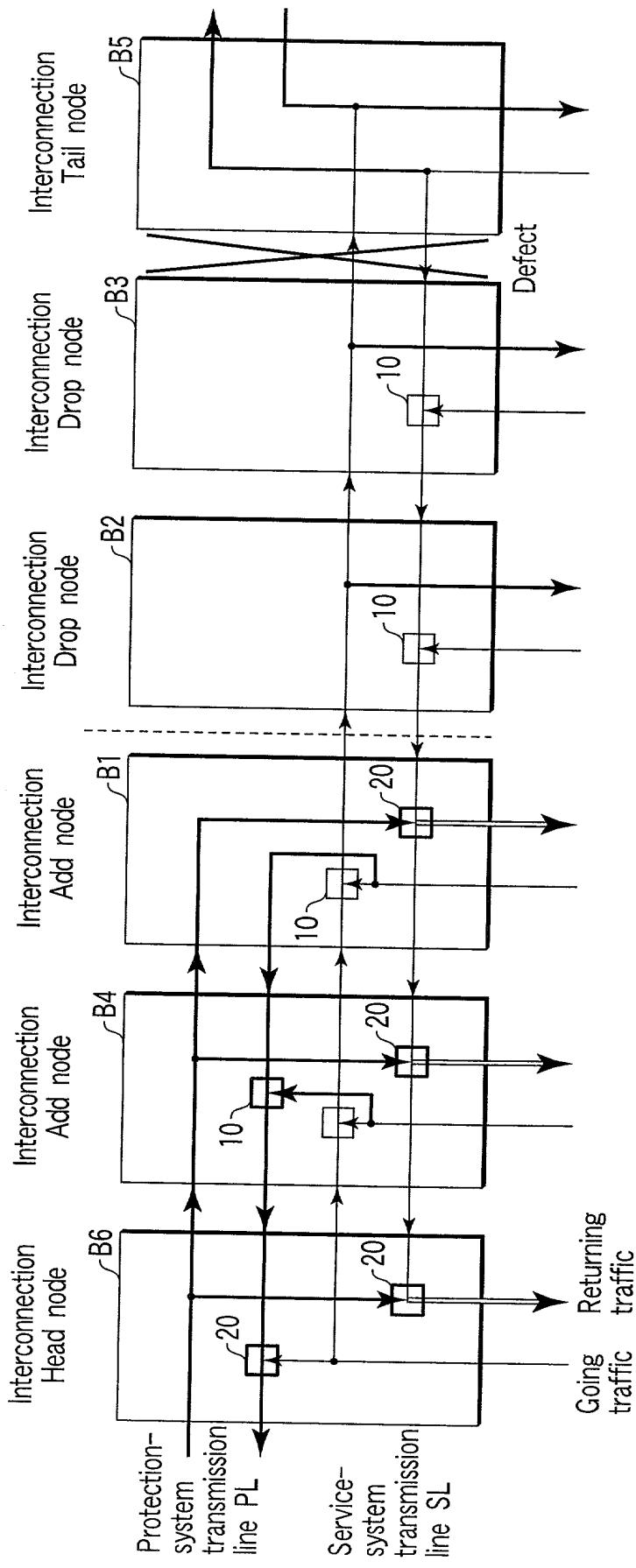


FIG. 59





Legend)

- Traffic selector (selection in the service-system transmission line)
- Traffic selector (selection in the service-system/ protection-system transmission lines)
- Flow of traffic when there is no failure in the transmission line
- Flow of traffic when a detour is made around a failure occurred in the transmission line
- Flow of the traffic selected by the traffic selector after it is terminated at the service-system and protection-system transmission lines

**F | G. 61**

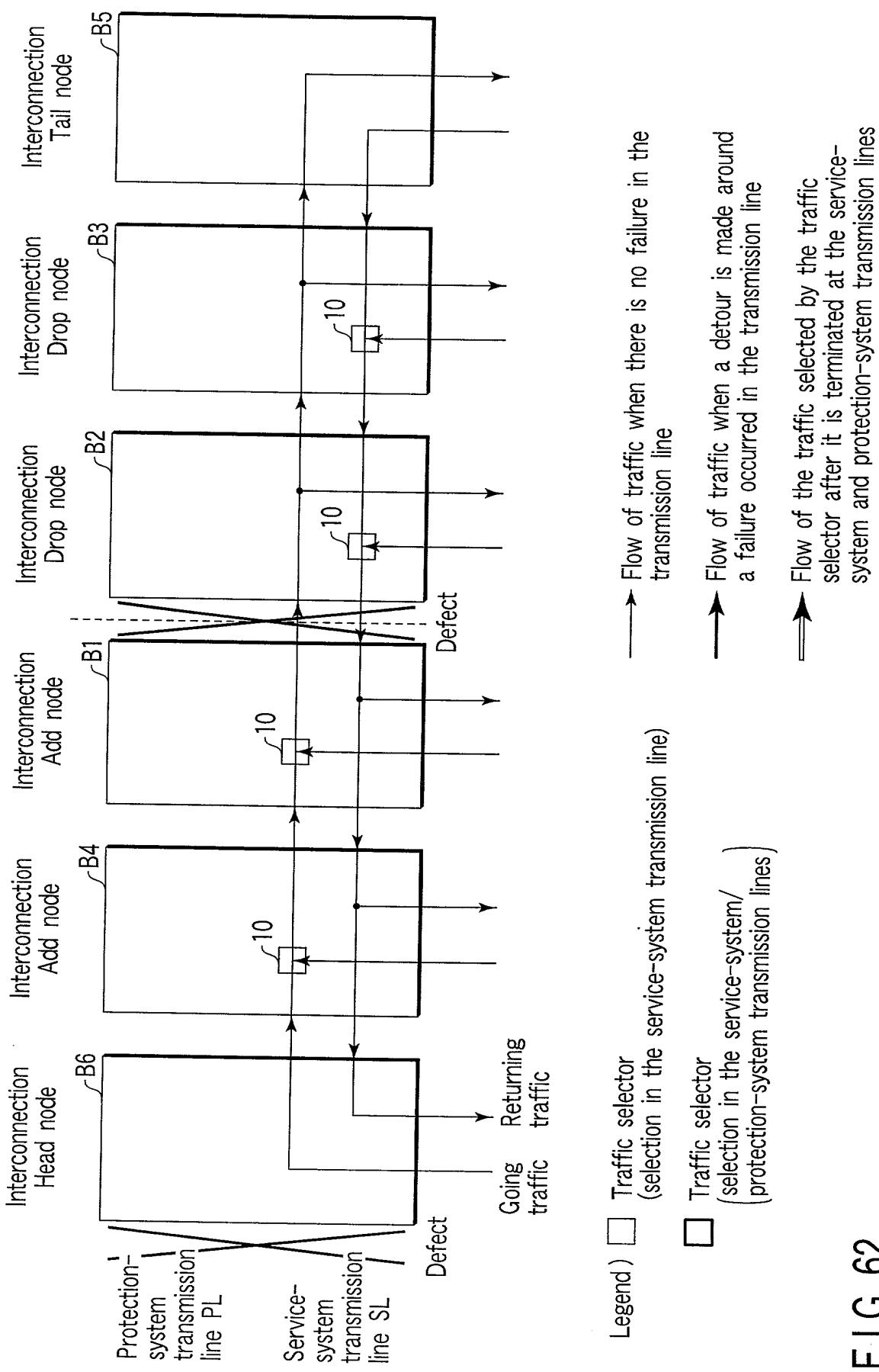


FIG. 62

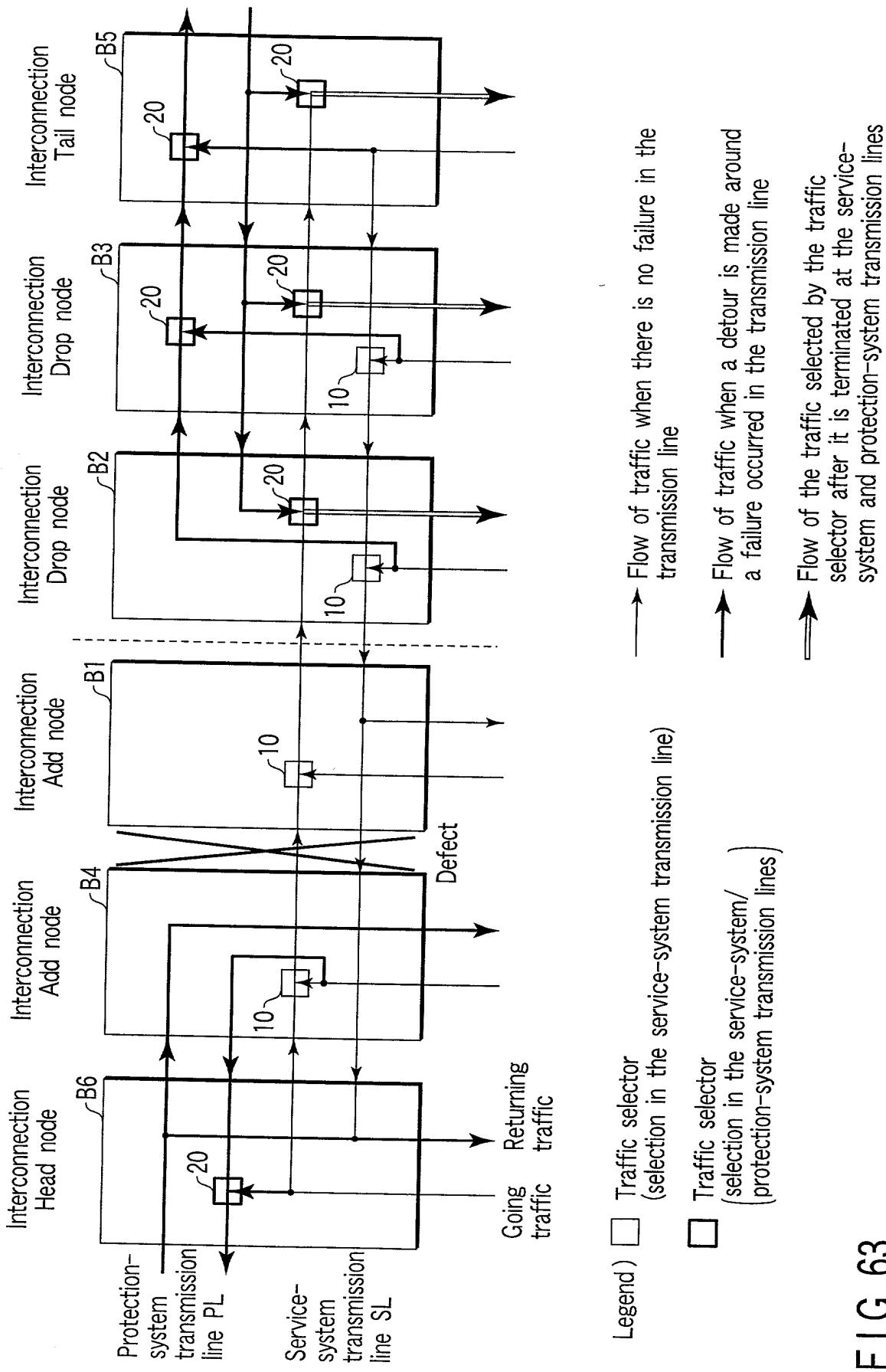
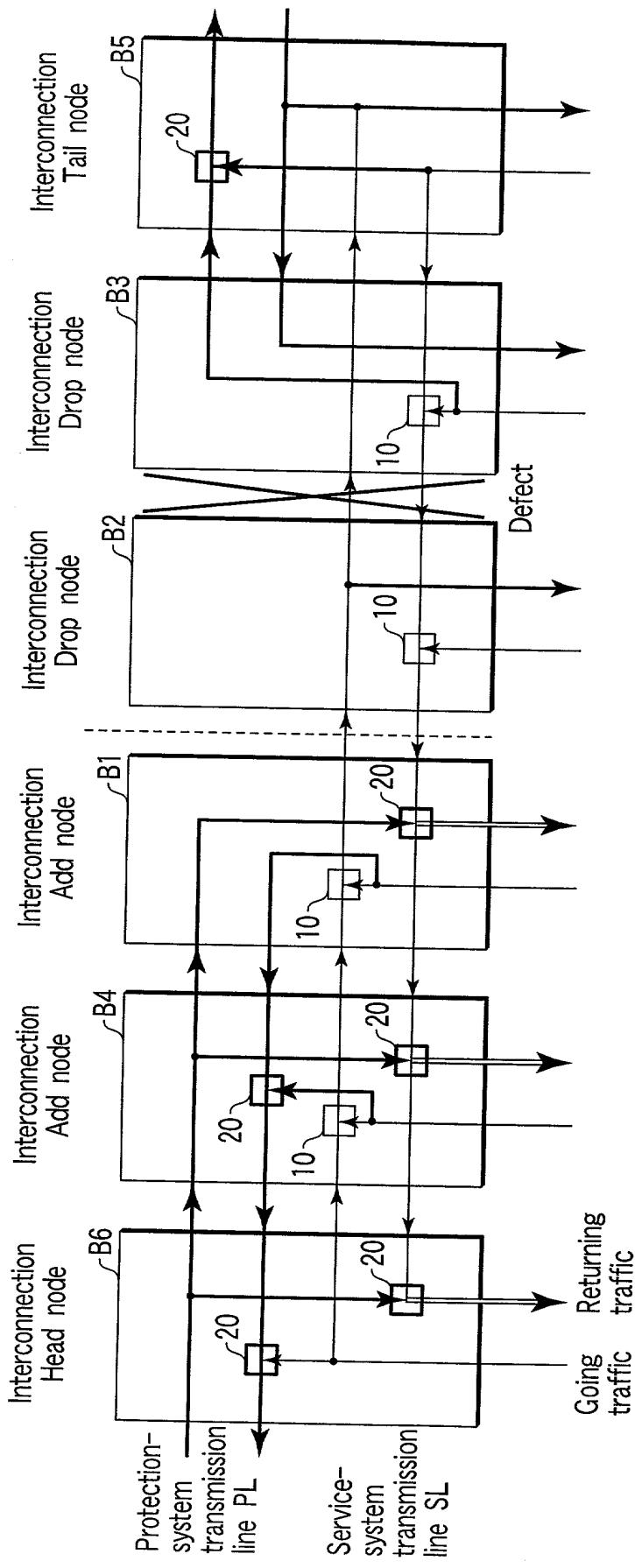


FIG. 63



Legend)

- Traffic selector  
(selection in the service-system transmission line)
- Traffic selector  
(selection in the service-system/  
protection-system transmission lines)

→ Flow of traffic when there is no failure in the transmission line

→ Flow of traffic when a detour is made around a failure occurred in the transmission line

→ Flow of the traffic selected by the traffic selector after it is terminated at the service-system and protection-system transmission lines

FIG. 64